

# LENOVO PRODUCT GUIDE

FOR EMEA BUSINESS PARTNERS

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

## THE GREENEST THINKPAD TO DATE, AT A GREAT PRICE.

LENOVO® THINKPAD® L412 AND  
THINKPAD L512 NOTEBOOKS WITH  
UP TO 30% POST-CONSUMER CONTENT.

ECO TEST - PASSED  
TIME LAG 0.00024S  
345 INACTIVE

TIME LAG 0.00024S  
SCREEN: 120  
POWER: 160W  
APPLICATION PROCESS  
TIME: 22.56S

ANTI-GLARE  
BACKLIT LED  
SCREEN  
100% ACTIVE



### ENERGY CONSUMPTION LEVELS

SCREEN: 120  
POWER: 160W  
APPLICATION PROCESS TIME: 22.56S

### SLEEP MODE

ACTIVATED  
TIME LAG 0.00024S  
345 INACTIVE

### LENOVO THINKPAD L SERIES NOTEBOOKS

- ThinkVantage Power Manager, EPEAT Gold, EnergyStar 5.0 help you save energy and money
- Outstanding quality and reliability — has passed rigorous military specification tests
- Integrated and discrete graphics
- Additional expansion capabilities with a large choice of ports and slots
- Optimum data security for worry-free computing
- Up to 8hr of battery life

Lenovo® recommends Windows® 7 Professional.

# STAY UNPLUGGED AND WORK UNINTERRUPTED.

Get the power to work longer with the Lenovo® ThinkPad® T420/T520 notebooks. Powered by 2<sup>nd</sup> generation Intel® Core™ i7 vPro™ processors, they are the ultimate in visibly smart performance for business.

**NEW**  
THINKPAD T420/T520



- 2<sup>nd</sup> generation Intel® Core™ i7 vPro™ processor
- Genuine Windows® 7 Professional
- 24hr of battery life (with the addition of a slice 9-cell battery.)
- 1.77kg, 21mm thin
- Passed 8 military specification tests
- Faster start-up and connection time

If you want to stay many notches ahead of your competition, it's time to step up the way you've been doing business. And what better way to start than by beefing up the technology that powers your system.

With a cent percent score in 8 rugged military-grade specification tests, up to 22 hours of battery life and a #1 TBR ranking to its credit, the ThinkPad T520 is here to take your business a long way. This ultra-light PC delivers super fast performance, is extremely easy to manage and completely secure.

[WWW.LENOVO.COM/EUROPE](http://WWW.LENOVO.COM/EUROPE)

**lenovo**

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## Lenovo Partner Contacts in your country!

### Contact points and emails:

For all general Lenovo Partner enquiries please use the email address or the phone number in your country.

Country	Telephone Number	Email Address
Austria	+0820 901160	lpcs_at@lenovo.com
Belgium	+32 2 894 9813	lpcs_be@lenovo.com
Denmark	+45 3614 0613	lpcs_dk@lenovo.com
Finland	+358 9 5465 2200	lpcs_fi@lenovo.com
France	+0825 801 606	lpcs_fr@lenovo.com
Germany	+49 1803 105 105	lpcs_de@lenovo.com
Ireland	+353 1 6448700	salesuk_uk@lenovo.com
Israel	+1-800-230-250	lpcs_il@lenovo.com
Italy	+39 0221 080601	lpcs_it@lenovo.com
Netherlands	+31 020 487 4748	lpcs_nl@lenovo.com
Norway	+46 66 81 71 00	lpcs_no@lenovo.com
Spain	+34 91 789 68 89	lpcs_es@lenovo.com
Sweden	+46 8 511 610 20	lpcs_se@lenovo.com
Switzerland	+41 44 755 56 06	lpcs_ch@lenovo.com
United kingdom	+0800 169 1451	salesuk_uk@lenovo.com
Other Countries		
<b>Europe</b>		
Estonia, Latvia and Lithuania - see Finland		
Malta - see United Kingdom		
<b>Africa</b>		
Algeria & West Africa - see Tunisia		

[www.lenovo.com/partner/contactservices](http://www.lenovo.com/partner/contactservices)

## WHY CHOOSE LENOVO®



### WHY BUSINESS PARTNERS CHOOSE LENOVO?

**Lenovo Partner Network programme makes Lenovo the vendor of choice for Business Partners**

Lenovo is committed to Business Partners, with over 95%\* of our European business going through the channel. We are backing this commitment with new investment and sweeping changes across all aspects of the way the company sells and supports Business Partners.

The resulting improvements that Partners will see include:

- **A single inventory** combining TopSeller and Special Bid products for **fastest possible delivery**, quicker bids & simpler pricing.
- **Improved incentives**, including all Lenovo products, to make earning money easier.
- **Quicker payments** to Partners - amongst the fastest in the industry - for improved cash flow.
- Channel Sales team expansion to make Lenovo the **easiest vendor to work with**.
- Increased Demand Generation to drive more **leads to Partners**.
- **New Co-Marketing tools** to enable Partners to integrate their marketing and drive more business.
- **Additional Partner opportunities** to maximise profits with high margin Lenovo services.

Lenovo is an attractive and rewarding vendor for Business Partners.

Learn more at [www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

\*Outside of Global account business.



# LENOVO® PARTNER NETWORK

Lenovo Partner Network (LPN), our Business Partner programme for PC resellers, offers sales and marketing tools, skill-building courses and technical support to help create opportunities to grow your business and drive increased profit.

Lenovo Partner Network consists of 3 membership levels - Partner, Premium Partner and Premium Gold Partner. By attaining Premium and Premium Gold Partner status you receive enhanced benefits.

To become a Lenovo Business Partner, visit: [lenovo.com/partner/europe](http://lenovo.com/partner/europe)

BUSINESS PARTNER BENEFITS	Not Registered	Members	Premium	Premium Gold
Marketing & technical support	✗	✓	✓	✓
Premium Partner rebate - up to 4%	✗	✗	✓	✗
Premium Gold Partner rebate - up to 5%	✗	✗	✗	✓
Eligibility for Market Development Fund	✗	✗	✗	✓
Eligibility for Business Development Support	✗	✗	✗	✓
Product rebate	✗	✗	✓	✓
Eligibility for co-marketing budget	✗	●	✓	✓
Special Bid Orders	✗	✓	✓	✓
Product Training	✗	✓	✓	✓
Access to Lenovo leads	✗	✗	✓	✓
Eligibility for Warranty Service	✗	✗	✓	✓
Premium BP Certificate and emblem	✗	✗	✓	✓
Point of Sale material	✗	●	✓	✓
Demo units	✗	✗	✓	✓
Dealer Locator listing	✗	●	✓	✓
Sales support (named contact for Premium)	✗	●	✓	✓
Briefings, events, Lenovo newsletter	✗	✓	✓	✓
Use of Lenovo logo & Lenovo BP emblem	✗	✓	✓	✓

Yes ✓ Limited ● No ✗

# LENOVO PARTNER NETWORK

## THE TOOLS TO HELP YOU SELL

### MARKETING CENTRAL

Whatever Lenovo® products you want to market, the information is right there in Marketing Central- The one stop site for all your marketing needs. Part of the Lenovo Partner Network Portal, you don't even need a password to visit once you've registered.

**Have a look at our new website!**

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

### MARKETING WIZARD

Create your own web banners, flyers and brochures using pre-defined templates that highlight Lenovo's current offers. Available via Marketing Central on LPN.

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

### MARKETING ESSENTIALS

All the images, web banners, logos and even copy you need for your websites, web banners, emails, faxes and flyers. Just choose what you need, download it to your desktop and you're ready to go!

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

### ADDITIONAL RESOURCES

Practical Reseller Guide - a great place to start planning your campaign and co-marketing tactics.

*You can find and download this from LPN A - Z*

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

# LENOVO TRAINING SOLUTIONS

## STAYING COMPETITIVE IS EASY WITH LENOVO TRAINING SOLUTIONS

Lenovo® offers FREE web courses on our great new Lenovo products! In just 10 minutes you can learn from our First Look courses how Lenovo solutions meet customers' needs and help you differentiate Lenovo products from the competition.

Lenovo Training Solutions is your one-stop source for education on the Lenovo PC and server products and offerings, including the legendary ThinkPad®, ThinkCentre® and now new Lenovo ThinkServer®. Lenovo Training Solutions uniquely designs its courseware for Sales, Technical and Service and Support professionals, providing an exceptional learning environment with expert facilitators.

### SALES TRAINING EXAMPLES

SXW270:	Built for Business: A Windows® 7 Introduction - English, French, German and Italian
TXWA51:	Using Windows XP Virtualisation in Windows® 7 - English, French, German and Italian
TXW120-R2:	Technical Features and Benefits of the Lenovo ThinkStation - English
Think Green:	Energy Efficiency Courselet
SVW201:	How to sell Lenovo ThinkServer™ - English, French, German and Italian
PXW134:	Lenovo ThinkPad X100e - English, French, German and Italian
PTW100:	ThinkPad Edge 13" - English, French, German and Italian
PTW143:	ThinkPad T510, T410 and T410s series - English, French and German

You can develop your skills anywhere, anytime at - <http://partners.lenovo.com/>



## TOPSELLER THINKSERVER



### Rack Form Factor (RD230)

- Up to 2 latest Intel® Xeon® 5500 or 5600 Series Processors with enhanced energy-saving and performance-boosting capabilities.
- Advanced Registered ECC DD3 low-wattage memory for the maximum performance, stability and energy efficiency.
- Certified for the majority of server operating systems and virtualization solutions.
- Built in web remote management.
- Spend less time maintaining and more time innovating.
- EasyStartup - CD tool to help you install your server.
- EasyManage - Software taking care of your server after installation.
- ThinkPlus Priority Support included for first 90 days of ownership - up and running assurance for you and your new ThinkServers during the most critical time of ownership.
- Up to 4 SATA or SAS Hot-Swap hard drives.
- Space saving design for effective rack management, making them ideal for space-constrained environments.

<sup>1</sup>Available in United Kingdom, Germany, France, Italy, Ireland and Austria

## ThinkServer RD230 Model Comparison

		Intel® Xeon® Quad Core processor	Processor Clock Speed (GHz)	Front Side Bus (MHz) / QPI (GT/s)	Cache Type / Size(MB)	Number of Cores	Intel® ChipSet	Memory Type*	Memory: standard/maximum (GB)	HDD Backplane type	RAID Controller	Power Supply Type	Management	Optical Drive	Warranty	Part number	Model Type
ThinkServer RD230 Topseller 2P1U Rack Form Factor (Available in UK, DE, FR, IT)																	
New! TS	E5503	2.00	4.8GT/sec	L3/4MB	2	Intel 5500	2	2/64	4x3.5" HS SATA	(0,1,5,10)	1x750W HotSwap	iBMC	DVD±RW	1/1	SUA11xx	4010-11G	
New! TS	E5506	2.13	4.8GT/sec	L3/4MB	4	Intel 5500	2	2/64	4x3.5" HS SATA	(0,1,5,10)	1x750W HotSwap	iBMC	DVD±RW	3/3	SUB12xx	4011-12G	
New! TS	E5507	2.26	4.8GT/sec	L3/4MB	4	Intel 5500	2	4/64	4x3.5" HS SATA	(0,1,5,10)	1x750W HotSwap	iKVM	DVD±RW	3/3	SUB13xx	4011-13G	
New! TS	E5620	2.40	5.86GT/sec	L3/12MB	4	Intel 5500	2	4/64	4x3.5" HS SAS/SATA	(0,1,5,10) + battery	2x750W HotSwap	iKVM	DVD±RW	3/3	SUB14xx	4011-14G	
New! TS	E5640	2.67	5.86GT/sec	L3/12MB	4	Intel 5500	2	4/64	4x3.5" HS SAS/SATA	(0,1,5,10) + battery	1x750W HotSwap	iKVM	DVD±RW	3/3	SUB15xx	4011-15G	

TS = TopSeller / 1P = 1 Processor Socket / 2P = 2 Processor Sockets / HS = Hot Swap

\* 1 = 1333MHz DDR3 ECC UDIMM RAM, 2 = 1333MHz DDR3 ECC RDIMM RAM, 3 = 800 MHz DDR2 ECC UDIMM RAM

## TOPSELLER THINKSERVER



### Rack Form Factor (RD240<sup>1</sup>)

- Up to 2 latest Intel® Xeon® 5500 or 5600 Series Processors with enhanced energy-saving and performance-boosting capabilities.
- Advanced Registered ECC DD3 low-wattage memory for the maximum performance, stability and energy efficiency.
- Certified for the majority of server operating systems and virtualization solutions.
- Built in web remote management.
- Redundant Power Supplies and Advanced RAID Options.
- EasyStartup - CD tool to help you install your server.
- EasyManage - Software taking care of your server after installation.
- ThinkPlus Priority Support included for first 90 days of ownership - up and running assurance for you and your new ThinkServers during the most critical time of ownership.
- Up to 8 SATA or SAS Hot-Swap hard drives.

<sup>1</sup>Available in United Kingdom, Germany, France, Italy, Ireland and Austria

## ThinkServer RD240 Model Comparison

	Intel® Xeon® Quad Core processor	Processor Clock Speed (GHz)	Front Side Bus (MHz) / QPI / QPI+ (GT/s)	Cache Type / Size (MB)	Number of Cores	Intel® ChipSet	Memory Type*	Memory - standard / maximum (GB)	HDD Backplane type	RAID Controller	Power Supply Type	Management	Optical Drive	Warranty	Part number	Model Type
ThinkServer RD240 Topseller 2P2U Rack Form Factor (Available in UK, DE, FR, IT)																
TS	E5503	2.00	4.8GT/sec	L3/4MB	2	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,1e)	1x750W HotSwap	iBMC	DVD±RW	1/1	SUE11xx	1045-11G	
TS	E5506	2.13	4.8GT/sec	L3/4MB	4	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,1e)	1x750W HotSwap	iBMC	DVD±RW	3/3	SUF11xx	1046-11G	
TS	E5507	2.26	4.8GT/sec	L3/4MB	4	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,5,10,50,60)	1x750W HotSwap	iKVM	DVD±RW	3/3	SUF12xx	1046-12G	
TS	E5620	2.40	5.86GT/sec	L3/12MB	4	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,5,10,50,60) + batt.	2x750W HotSwap	iKVM	DVD±RW	3/3	SUF13xx	1046-13G	
TS	E5640	2.67	5.86GT/sec	L3/12MB	4	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,5,10,50,60) + batt.	1x750W HotSwap	iKVM	DVD±RW	3/3	SUF15xx	1046-15G	
New! TS	X5650	2.66	6.40GT/sec	L3/12MB	6	Intel 5500	2 / 64	8x3.5" HS SAS/SATA	(0,1,5,10,50,60) + batt.	1x750W HotSwap	iKVM	DVD±RW	3/3	SUF16xx	1046-16G	

TS = TopSeller / 1P = 1 Processor Socket / 2P = 2 Processor Sockets / HS = Hot Swap

\* 1 = 1333MHz DDR3 ECC UDIMM RAM, 2 = 1333MHz DDR3 ECC RDIMM RAM, 3 = 800 MHz DDR2 ECC UDIMM RAM

## TOPSELLER THINKSERVER



### 1P Tower Form Factor (TS200v)

- Latest Intel® Pentium Xeon™ and Core™ i5 Processors.
- DDR3 ECC Memory that ensures data integrity and system stability.
- First server in the industry to incorporate Intel® AMT 6.0, which provides businesses with integrated remote management capabilities, unheard of at this price.
- EasyStartup - CD tool to help you install your server.
- Leading edge Green features to lower operational cost.
- Efficient cooling and low noise levels due to sophisticated system layout design.

## ThinkServer TS200v Model Comparison

	Intel® Pentium™ / Celeron™ Processor	Intel® Core™ i3 / i5 Processor	Intel® Xeon™ Processor	Processor Clock Speed (GHz)	Front Side Bus (MHz) / QPI (GT/s)	Cache Type / Size(MB)	Number of Cores	Intel® ChipSet	Memory Type*	Memory, standard/maximum (GB)	HDD Backplane type / HDD Type	RAID Controller	Power Supply Type	NVIDIA® Quadro® FX380 Graphics Management Module**	Optical Drive	Warranty	Part number	Model Type
	ThinkServer TS200v TopSeller 1P Tower Form Factor																	
TS	G6950	2.80	1066MHz	L2/3MB	2	x3450	3	2/8	2x 3.5" DC SATA / 1x 250GB 7200rpm	(0,1)	280W fixed	N	3	DVD-ROM	1/1	SPO12XX	0981-12G	
TS	i5-650	3.20	1333MHz	L2/4MB	2	x3450	1	2/8	2x 3.5" DC SATA / 2x 250GB 7200rpm	(0,1) RAID 1 enabled	280W fixed	N	4	DVD-ROM	1/1	SPO18XX	0981-18G	
TS	i5-650	3.20	1333MHz	L2/4MB	2	x3450	1	2/8	2x 3.5" DC SATA / 1x 500GB 7200rpm	(0,1)	280W fixed	N	4	DVD±RW	1/1	SPO19XX	0981-19G	
TS	i5-650	3.20	1333MHz	L2/4MB	2	x3450	1	2/8	2x 3.5" DC SATA / 1x 500GB 7200rpm	(0,1)	280W fixed	N	4	DVD±RW	3/3	SPP17XX	0992-17G	
New! TS	X3450	2.67	1333MHz	L2/8MB	4	x3450	1	2/8	2x 3.5" DC SATA / 1x 500GB 7200rpm	(0,1)	280W fixed	Y	3	DVD±RW	1/1	SPO1CXX	0981-1CG	
New! TS	X3450	2.67	1333MHz	L2/8MB	4	x3450	1	2/8	2x 3.5" DC SATA / 1x 500GB 7200rpm	(0,1)	280W fixed	Y	3	DVD±RW	3/3	SPP19XX	0992-19G	

TS = TopSeller / 1P = 1 Processor Socket / 2P = 2 Processor Sockets / HS = Hot Swap / SS = Simple Swap / DC = Direct Connect

\* 1 = 1333MHz DDR3 ECC UDIMM, 2 = 1333MHz DDR3 ECC RDIMM, 3 = 1066MHz DDR3 ECC UDIMM

\*\* 3 = Intel® AMT 3.0, 4 = Intel® AMT 6.0

## TOPSELLER THINKSERVER



### 2P Tower Form Factor (TD230<sup>1</sup>)

- Up to 2 latest Intel® Xeon® 5500 or 5600 Series Processors with enhanced energy-saving and performance-boosting capabilities.
- Advanced Registered ECC DD3 low-wattage memory for the maximum performance, stability and energy efficiency.
- Certified for the majority of server operating systems and virtualization solutions.
- Spend less time maintaining and more time innovating.
- Built in web enabled remote management.
- ThinkPlus Priority Support included for first 90 days of ownership - up and running assurance for you and your new ThinkServers during the most critical time of ownership.
- EasyStartup - CD tool to help you install your server.
- EasyManage - Software taking care of your server after installation.
- Energy Star for Servers 1.0 certification on select models resulting in 30% less power consumption.
- Lenovo Award Winning Service and Support.

<sup>1</sup>Available in United Kingdom, Germany, France, Italy, Ireland and Austria

## ThinkServer TD230 Model Comparison

	Intel® Xeon® Processor	Processor Clock Speed (GHz)	Front Side Bus (MHz) / QPI (GT/s)	Cache Type / Size (MB)	Number of Cores	Intel® ChipSet	Memory Type *	Memory: standard/maximum (GB)	HDD Backplane type / HDD Type	RAID Controller	Power Supply Type	NVIDIA® Quadro® FX380 Graphics	Management Module**	Optical Drive	Warranty	Part number	Model Type
ThinkServer TD230 TopSeller 2P Tower Form Factor (Available in UK, DE, FR, IT)																	
TS	E5503	2.00	4.8GT/sec	L3/4MB	2	5500	2	2/64	5x3.5" DC SATA / 250GB 7200rpm	(0,1,10)	1x625W Fixed	N	BMC	DVD-ROM	1/1	SUK11xx	1027-11G
TS	E5506	2.13	4.8GT/sec	L3/4MB	4	5500	2	2/64	5x3.5" DC SATA	(0,1,10)	1x625W Fixed	N	BMC	DVD±RW	3/3	SUK11xx	1029-11G
TS	E5507	2.26	4.8GT/sec	L3/4MB	4	5500	2	4/64	4x3.5" HS SATA	(0,1,10)	1x625W Fixed	N	BMC	DVD±RW	3/3	SUK12xx	1029-12G
TS	E5620	2.40	5.86GT/sec	L3/12MB	4	5500	2	4/64	4x3.5" HS SAS/SATA	(0,1,5,10)	1x625W Fixed	N	RMM	DVD±RW	3/3	SUK13xx	1029-13G
New! TS	X5650	2.66	6.40GT/sec	L3/12MB	6	5500	2	4/64	4x3.5" HS SAS/SATA	(0,1,5,10)	1x625W Fixed	N	RMM	DVD±RW	3/3	SUK14xx	1029-14G

TS = TopSeller / 1P = 1 Processor Socket / 2P = 2 Processor Sockets / HS = Hot Swap / SS = Simple Swap / DC = Direct Connect

\* 1 = 1333MHz DDR3 ECC UDIMM, 2 = 1333MHz DDR3 ECC RDIMM, 3 = 1066MHz DDR3 ECC UDIMM

\*\* 3 = Intel® AMT 3.0, 4 = Intel® AMT 6.0

## SUPPORTED SOFTWARE FOR LENOVO® THINKSERVERS™

*Exceptional Machines Deserve Exceptional Software.*



### Microsoft® Windows Server® Operating Systems Offerings.

Windows Server 2008

Lenovo offers Microsoft Windows Server Operating Systems for Lenovo ThinkServer™ systems as Reseller Option Kits (ROK). These offerings, available to Business Partners only, are packaged in easy-to-purchase kits which are competitively priced. The kits are designed to provide resellers with flexible Microsoft Operating System products that can be easily installed and configured for customers.

All Windows Server 2008 versions have the following features:

- **Virtualization:**  
Hyper-V™ technology, an integrated hypervisor, is ideal for highly flexible virtualized environments
- **Scalability:**  
Offers higher CPU and RAM support to meet your growing business needs
- **High Availability with Failover Clustering:**  
Reduces downtime and improves business continuity
- **Security:**  
Network Access Protection (NAP) helps prevent non-compliant computers from accessing an organization's network, helps verify the health of connecting computers, and helps enforce compliance with an organization's security standards
- **Flexible Application Access for Remote Users:**  
Terminal Services RemoteApp (TS RemoteApp) allows users to access individual applications instead of a computer desktop with applications that run on the host computer and send only the application windows to the user, reducing administration and deployment costs

## SOFTWARE OFFERINGS FOR LENOVO THINKSERVERS

Microsoft Windows Server Description	ENGLISH	DUTCH	FRENCH	GERMAN	ITALIAN	SPANISH	TURKISH
WS 2008 R2 Standard ROK w/5 CALs	84978KE		84978OE	84978KG	84978OE	84978OE	
SBS Standard ROK SP2	84978ME		84978MF	84978MG	n/a	n/a	
SBS Premium ROK SP2	84978NE		n/a	n/a	n/a	n/a	
WS 2008 R2 Foundations ROK EFIGS MUI	84978HE		84978HE	84978HE	n/a	84978HE	

## Microsoft Windows Server Client Access License (CAL) Packs from Lenovo

Lenovo CAL packs - EMEA	EMEA (English, French, Italian, German, Spanish, Dutch & Turkish)		
Windows Server 2008 User CAL packs	1 CAL	5 CAL	20 CAL
WS 2008 User CAL Multi-Language pack	849781G	849785G	
SBS 2008 Standard User CAL Multi-Language pack	849781I	849785I	
SBS 2008 Premium User CAL Multi-Language pack	849781J	849785J	

## TOPSELLER NETBOOK



### S10-3

- Genuine Windows® 7 Starter
- Up to Intel® Atom processor N470
- Starting at only 1.1kg
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Veriface™ facial recognition technology
- High-quality stereo speaker with 3D audio features

### S10-3t

- Genuine Windows® 7 Home Premium
- The latest Core processor technology with Intel® Atom™ Processor N470
- Starting at only 1.25kg
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Veriface™ facial recognition technology
- High-quality stereo speaker with 3D audio features

### S10-3s

- Up to Intel® Atom™ processor N475
- Up to Genuine Windows® 7 Home Premium
- 10.1" screen (1280x720/1024x600), 16:9 widescreen
- Intel® GMA 3150 integrated graphics processor
- Up to 1GB DDR3 memory, up to 250GB HDD storage
- Integrated 802.11b/g/n WiFi
- USB2.0 connectors and 5-in-1 card
- Integrated 1.3M web camera

Specifications	S10-3	S10-3t	S10-3s
Preloaded operating system:	Genuine Windows® 7 Starter	Genuine Windows® 7 Home Premium	Genuine Windows® 7 Starter Genuine Windows® 7 Home Premium
Processor/Level 2 cache:	Intel® Atom™ processor N470 (1.83GHz) Intel® Atom™ processor N450 (1.66GHz)	Intel® Atom™ processor N470 (1.83GHz) Intel® Atom™ processor N450 (1.66GHz)	Intel® Atom™ processor N450 (1.66GHz) Intel® Atom™ processor N455 (1.66GHz) Intel® Atom™ processor N470 (1.83GHz) Intel® Atom™ processor N475 (1.86GHz)
Video Graphics:	Intel® GMA 3150 integrated graphics	Intel® GMA 3150 integrated graphics	Intel® GMA 3150 integrated graphics
Li-Ion Battery Life:	Approx. 3.5hr (4-cell battery) / 7hr (8-cell battery)	Approx. 4hr (4-cell battery) / 10hr (8-cell [hybrid 4-cell + 4-cell] battery)	Approx. 3.5hr with 3-cell battery Approx. 7hr with 6-cell battery
Travel weight/with optical drive:	1.1kg (2.43 lb) with 4-cell battery 1.25kg (2.76 lb) with 8-cell battery	1.25kg (2.76 lb) with 4-cell battery 1.5kg (3.31 lb) with 8-cell battery	1.1kg (2.43 lb) with 3-cell battery and HDD configuration 1.25kg (2.76 lb) with 6-cell battery and HDD configuration
Hard disk drive:	Up to 250GB (5400 rpm) 9.5mm 2.5" SATA	Up to 250GB (5400 rpm) 9.5mm 2.5" SATA	Up to 250GB (5400 rpm) 9.5mm 2.5" SATA
Display / resolution:	10.1" high-definition LED backlight display, 16:9 widescreen	10.1" high-definition LED backlight display, 16:9 widescreen Lenovo NaturalTouch Panel - multitouch capacitive	10.1" LED backlight display (1024x600/1280x720), 16:9 widescreen



## IdeaPad® S10-3 Series Model Comparison

Genuine Windows® 7 Home Premium 32bits		Genuine Windows® 7 Starter		Intel®Atom™ Processor N450		Intel®Atom™ Processor N455		Intel®Atom™ Processor N470		Graphics -Intel® Integrated Graphics GMA 3150		Memory: StdMAX. (MB/GB)		Widescreen Size (Inches)		HDD		Colours		Battery		Camera 0.3 M		Camera 1.3 M		Part number		Model type			
IdeaPad S10-3																															
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33D6xx	0647D6G														
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33DDxx	0647DDG														
✓				✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33D9xx	0647D9G														
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Red	6 Cell	✓	M33DExx	0647DEG														
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33DFxx	0647DFG														
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	3 Cell	✓	M33D8xx	0647D8G														
✓	✓			✓						1G DDR2 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33D7xx	0647D7G														
✓		✓		✓						1G DDR3 667MHz	10.1 SD LED Glare	250	Black	3 Cell	✓	M33DJxx	0647DJG														
✓		✓		✓						1G DDR3 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33DHxx	0647DHG														
✓		✓		✓						1G DDR3 667MHz	10.1 SD LED Glare	250	Black	6 Cell	✓	M33DKxx	0647DKG														
Selected IdeaPad Accessories & Upgrades *																															
IdeaPad 10" Sleeve S1616 (Black)																															57Y6456
Wenger Backpack for Lenovo																															57Y4271
Ideapad 12" Top loading T220 (Black)																															55Y2024
Ideapad 12" Top loading T220 (Grey)																															55Y2025
Lenovo Portable DVD Burner DB50 BLK																															57Y6487
Lenovo Headphone P550																															55Y2065

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## IdeaPad® S10-3tablet Series Model Comparison

	Genuine Windows® 7 Home Premium 32bits	Intel®Atom™ Processor N470	Intel®Atom™ Processor N450	Graphics -Intel® Integrated Graphics GMA 3150	Memory: Std/MAX. (MB/GB)	Widescreen Size 10.1 SD LED Glare&Multi-Touch (Inches)	HDD	Colours	Bluetooth	Battery	Camera 1.3 M	Part number	Model type
<b>IdeaPad S10-3 tablet</b>													
✓	✓		✓		1G DDR2	✓	250	Cosmic Night	✓	8Cell	✓	M246Gxx	06516GG
✓		✓	✓		1G DDR2	✓	250	Cosmic Night	✓	8Cell	✓	M246Pxx	06516PG
✓		✓	✓		2G DDR3	✓	320	Cosmic Night	✓	4Cell	✓	M248Bxx	06518BG
✓		✓	✓		2G DDR2	✓	320	Cosmic Night	✓	4Cell	✓	M248Txx	06518TG
✓		✓	✓		1G DDR2	✓	250	Cosmic Night	✓	4Cell	✓	M248Uxx	06518UG

### Selected ThinkPad Accessories & Upgrades \*

IdeaPad 10" Sleeve S1616 (Black)	57Y6456
Wenger Backpack for Lenovo	57Y4271
Ideapad 12" Top loading T220 (Black)	55Y2024
Ideapad 12" Top loading T220 (Grey)	55Y2025
Lenovo Portable DVD Burner DB50 BLK	57Y6487
Lenovo Headphone P550	55Y2065

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## IdeaPad® S10-3s Series Model Comparison

Genuine Windows® 7 Home Premium 32bits												
Intel®Atom™ Processor N475												
Intel®Atom™ Processor N455												
Graphics - Intel® Integrated Graphics GMA 3150												
Memory: Std/MAX. (Mb/GB)												
Widescreen Size 10.1 5D LED Glass Multi-Touch (Inches)												
HDD												
Colours												
Bluetooth												
Battery												
Camera 1.3 M												
Part number												
Model type												
IdeaPad S10-3s												
✓		✓	✓	1G DDR3 667MHz	✓	250	IMR, Black	✓	6Cell	✓	M34DExx	0703DEG
✓		✓	✓	1G DDR3 667MHz	✓	250	IMR, Black	✓	3Cell	✓	M34DLxx	0703DLG
✓	✓		✓	1G DDR3 667MHz	✓	320	IMR, Black		6Cell	✓	M34D4xx	0703D4G
✓	✓		✓	1G DDR3 667MHz	✓	320	IMR, Black	✓	6Cell	✓	M34DFxx	0703DFG
✓		✓	✓	1G DDR3 667MHz	✓	250	IMF, White	✓	6Cell	✓	M34DGxx	0703DGG

### Selected ThinkPad Accessories & Upgrades \*

IdeaPad 10" Sleeve S1616 (Black)	57Y6456
Wenger Backpack for Lenovo	57Y4271
Ideapad 12" Top loading T220 (Black)	55Y2024
Ideapad 12" Top loading T220 (Grey)	55Y2025
Lenovo Portable DVD Burner DB50 BLK	57Y6487
Lenovo Headphone P550	55Y2065

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad

Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## TOPSELLER IDEAPAD



### IdeaPad U160

- Up to Intel® Core™ i7-620UM processor with Intel® Turbo Boost Technology\*
- Up to Genuine Windows® 7 Home Premium
- Lenovo Enhanced Experience for Windows® 7 – a faster, richer and easier way to use your PC
- 11.6" HD screen (1366x768), 16:9 widescreen
- Intel® HD Graphics with dynamic frequency
- Up to 4GB DDR3 memory, up to 500GB HDD storage
- Integrated high-speed 802.11n WiFi
- USB2.0, eSATA connectors and 5-in-1 card reader
- Integrated 1.3M web camera



### IdeaPad U260

- Available with Genuine Windows® 7 Home Premium
- Up to Intel® Core i7-680UM processor with Intel Turbo Boost Technology
- Just 18mm thick and 1.38kg weight
- Integrated web camera
- Veriface™ facial recognition technology
- Ambient Light Sensor for automatic screen brightness
- HD graphic support and HDMI output

Specifications	U160	U260
Preloaded operating system:	Genuine Windows® 7 Home Premium	Genuine Windows® 7 Home Premium
Processor / Level 2 cache:	Intel® Core™ i7-620UM processor with Intel® Turbo Boost Technology* (1.06GHz, 4MB Cache) Intel® Core™ i5-520UM processor with Intel® Turbo Boost Technology* (1.06GHz, 3MB Cache) Intel® Core™ i5-430UM processor with Intel® Turbo Boost Technology* (1.20GHz, 3MB Cache) Intel® Core™ i3-330UM processor (1.20GHz, 3MB Cache) Intel® Pentium® processor U5400 (1.20GHz, 3MB Cache) Intel® Celeron® processor U3400 (1.06GHz, 2MB Cache)	Intel® Core™ i7-680UM processor with Intel® Turbo Boost Technology* (1.46GHz, up to 2.53GHz, 4MB Cache) Intel® Core™ i5-560UM processor with Intel® Turbo Boost Technology* (1.33GHz, up to 2.13GHz, 3MB Cache) Intel® Core™ i5-470UM processor with Intel® Turbo Boost Technology* (1.33GHz, up to 1.86GHz, 3MB Cache) Intel® Core™ i3-380UM processor (1.33GHz, 3MB Cache) Intel® Pentium® processor U5400 (1.20GHz, 3MB Cache)
Video Graphics:	Intel® HD Graphics with dynamic frequency	Intel® HD Graphics with dynamic frequency
Li-Ion Battery Life:	Approx. 7hr with 6-cell battery	Approx. 4hr with 4-cell battery
Travel weight/with optical drive:	1.4kg with 6-cell battery and HDD configuration	Start from 1.38kg
Hard disk drive:	250GB/320GB/500GB HDD	160GB/250GB/320GB 5400rpm, optional 128GB SSD
Display / resolution:	11.6" high-definition (1366x768), 16:9 widescreen	12.5" High-definition (1366x768), 16:9 widescreen
	3xUSB2.0, eSATA, 5-in-1 card reader (SD, SD pro, MMC, MS pro, XD), headphones, mic, VGA, HDMI	2xUSB2.0, headphones, mic, VGA, HDMI, 1x Mini PCIe

## IdeaPad U160 Series Model Comparison

Genuine Windows® 7 Home Premium 32bit												
Genuine Windows® 7 Home Premium 64bit												
	MTM	CSPN	Display	Technics	Graphics Name	CPU	Memory	Hard Disk1	Fixed Camera	Bluetooth	HDMI	
<b>U160</b>												
✓	08946KG	M436KGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-430UM	4G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946MG	M436MGE	11.6 HD LED Glare	Metal	Intel GMA HD	U3400	2G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946CG	M436CGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-520UM	2G DDR3 1066MHz	250G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946GG	M436GGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-520UM	2G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946EG	M436EGE	11.6 HD LED Glare	Metal	Intel GMA HD	i7-620UM	4G DDR3 1066MHz	500G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946LG	M436LGE	11.6 HD LED Glare	Metal	Intel GMA HD	U5400	4G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946AG	M436AGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-520UM	3G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946SG	M436SGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-470UM	4G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946TG	M436TGE	11.6 HD LED Glare	Metal	Intel GMA HD	i3-380UM	4G DDR3 1066MHz	500G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946UG	M436UGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-470UM	4G DDR3 1066MHz	500G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946VG	M436VGE	11.6 HD LED Glare	Metal	Intel GMA HD	i3-380UM	2G DDR3 1066MHz	500G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946WG	M436WGE	11.6 HD LED Glare	Metal	Intel GMA HD	i5-470UM	4G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
✓	08946XG	M436XGE	11.6 HD LED Glare	Metal	Intel GMA HD	U5600	4G DDR3 1066MHz	320G 9.5mm 5400rpm	Camera 1.3M	Yes	Yes	
<b>Selected Accessories &amp; Upgrades*</b>												
IdeaPad 15" Messenger Case M150 (White)												55Y9381
IdeaPad 13" Sleeve S135 (Black)												57Y6319
Lenovo Portable DVD Burner DB50 BLK												57Y6487
Lenovo Mini Optical Mouse M20A												55Y2090
Lenovo USB 2.0 Portable 500GB Hard Drive												45K1690

Options table at the end of the IdeaPad section.

## IdeaPad U260 Series Model Comparison

Genuine Windows® 7 Home Premium 64bit												
	MTM	CSPN	Display	Technics	Graphics Name	CPU	Memory	Hard Disk1	Fixed Camera	Bluetooth	HDMI	
<b>U260</b>												
✓	087622G	M5922xx	12.5 HD LED Anti-Glare	Painting	Intel HD Graphics	i5-470UM	4G DDR3 1066MHz	320G 7mm 5400rpm	Camera 0.3M	Yes	HDMI	
✓	087623G	M5923xx	12.5 HD LED Anti-Glare	Painting	Intel HD Graphics	i3-380UM	4G DDR3 1066MHz	320G 7mm 5400rpm	Camera 0.3M	Yes	HDMI	
✓	087624G	M5924xx	12.5 HD LED Anti-Glare	Painting	Intel HD Graphics	i3-380UM	4G DDR3 1066MHz	128G SSD	Camera 0.3M	Yes	HDMI	
✓	087625G	M5925xx	12.5 HD LED Anti-Glare	Painting	Intel HD Graphics	i5-470UM	4G DDR3 1066MHz	128G SSD	Camera 0.3M	Yes	HDMI	
<b>Selected Accessories &amp; Upgrades *</b>												
IdeaPad 15" Messenger Case M150 (White)												55Y9381
IdeaPad 13" Sleeve S135 (Black)												57Y6319
Lenovo P/Lenovo Portable DVD Burner GP20N BLK-WGB												55Y9393
Lenovo M/Lenovo Mini Optical Mouse M20A												55Y2090
Lenovo U/Lenovo USB 2.0 Portable 500GB Hard Drive												45K1690

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad

Options 1Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## TOPSELLER IDEAPAD



### IdeaPad U350

- Available with Genuine Windows® 7 Home Premium
- Up to Intel® Core™2 Duo SU7300 (3MB Cache, 1.3 GHz, 800 MHz FSB)
- Starting at only 1.6kg
- OneKey™ Rescue System for easy data and system recovery, along with pre-Windows® virus checking
- Veriface™ facial recognition technology
- Ambient Light Sensor for automatic screen brightness

Specifications	U350
Preloaded operating system:	Genuine Windows® 7 Home Premium
Processor / Level 2 cache:	Up to Intel® Core™2 Duo SU7300 (3MB Cache, 1.3 GHz, 800 MHz FSB)
Video Graphics:	Intel® GMA 4500M / 4500MHD
Li-Ion Battery Life:	up to 6hrs for 6-cell battery
Travel weight/with optical drive:	1.6kg with 4 cell battery, 1.8kg with 8 cell battery
Hard disk drive:	Support up to 500GB (5400rpm) 9.5mm 2.5" SATA / Support up to 256GB SSD
Display / resolution:	13.3", 1366 x 768 pixels HD WXGA (>220 nit)
Ports:	3 x USB / Stereo Headphone / Built-in MIC / VGA / HDMI / RJ-45 / 2 x Mini-PCIe / Wireless WAN SIM / 4-in1 card reader (SD / MMC / MS / MS-pro)



## IdeaPad U350 Series Model Comparison

Genuine Windows® 7 Home Premium	Office 2007	Intel® Celeron® SU2300	Intel® Pentium® Processor SU4100	Intel® Core 2 Solo Processor SU7300	Intel® Integrated Graphics GMA 4500MHD	Memory1	Memory2	Widescreen Size 13.3" 1366x768 HD WXGA (Inches)	Camera	Bluetooth	Battery	Hard disk drive size (GB)	Part number	Model type *	Available in countries
IdeaPad U350 series															
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMSP	2963EMG	Spain	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMZ	2963EMG	Switzerland	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMIX	2963EMG	Italy	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMFR	2963EMG	France	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMN	2963EMG	Norway	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMIV	2963EMG	Israel	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMH	2963EMG	Netherlands	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMFI	2963EMG	Finland	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMS	2963EMG	Sweden	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMUK	2963EMG	United kingdom	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMD	2963EMG	Denmark	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMMB	2963EMG	Belgium	
✓	✓		✓	✓	2GB DDR3	2GB DDR3	✓	✓	✓	8cells	320GB	M22EMGE	2963EMG	Germany	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERIV	2963ERG	Israel	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERUK	2963ERG	United kingdom	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERFR	2963ERG	France	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMD	2963ERG	Denmark	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERSP	2963ERG	Spain	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERIX	2963ERG	Italy	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMS	2963ERG	Sweden	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERGE	2963ERG	Germany	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMH	2963ERG	Netherlands	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMZ	2963ERG	Switzerland	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERFI	2963ERG	Finland	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMB	2963ERG	Belgium	
✓	✓	✓		✓	2G DDR3		✓	✓	✓	8cells	250GB	M22ERMN	2963ERG	Norway	

### Selected Accessories & Upgrades \*

IdeaPad 15" Messenger Case M150 (White)	55Y9381
Lenovo Portable DVD Burner DB50 BLK	57Y6487
IdeaPad U350 4 Cell Li Battery	57Y6265
Lenovo 90W AC Adapter	45J77xx
Lenovo Mini Optical Mouse M20A	55Y2090
Lenovo USB 2.0 Portable 500GB Hard Drive	45K1690

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## TOPSELLER VALUELINE



### Lenovo B560

- Up to Intel® Core™ i5-580M processor with Intel® Turbo Boost Technology\*
- Up to Genuine Windows® 7 Home Premium
- 15.6" HD screen (1366x768), 16:9 widescreen
- Up to NVIDIA® GeForce® 310M 512MB graphics
- HD graphics support and HDMI output2
- Up to 4GB DDR3 memory, up to 500GB HDD storage
- Integrated 802.11b/g/n WiFi1
- Integrated DVD reader/writer
- USB2.0 connectors and 4-in-1 card reader
- Integrated web camera

Specifications	B560
Preloaded operating system:	Genuine Windows® 7 Home Premium 64 bit Genuine Windows® 7 Professional 64 bit
Processor/Level 2 cache:	Up to Intel® Core processor i5-580M (2.66GHz, 3MB L3, DDR3-1066, PGA)
Video Graphics:	Up to Intel® Integrated or AMD™ ATI® Mobility Radeon® HD 5145 (512MB) Discrete
Li-Ion Battery Life:	Approx. 4hr (integrated graphics) with 6-cell battery
Travel weight/ with optical drive:	2.2 kg w / battery and optical
Hard disk drive:	Up to 640GB
Display/ resolution:	15.6"W LED panel 1366x768 / 220 nit
Ports and Slots	3x USB2.0, 4-in-1 card reader (SD, SD pro, MMC, MS pro), headphones, mic, VGA, HDMI (optional), ExpressCard slot (34mm)

## Lenovo B560 Model Comparison

Genuine Windows® 7 Home Premium 64 DOS	Office 2010	Intel Core i3-350M	Intel Core i3-370M	Intel Core i3-380M	Intel Core i5-580M	Pentium P6100	Memory: Std/MAX. (MB/GB)	Screen Size 15.6 inches HD LED Glare	Hard disk drive size (GB)	NVIDIA GeForce 310M	Intel GMA HD	Optical Drive-DVD±RW DL	Battery 6 cell (Lion)	Warranty-1 Year Customer Carry-in Repair	Part number	Model Type	Available in country
Lenovo B560																	
✓	✓				✓	3 GB	✓	320GB/5400rpm	✓	✓	✓	✓	M488Exx	43308EG	WE		
	✓	✓				1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	M4884xx	433084G	WE		
✓	✓		✓			1x2GB DDR3	✓	320GB/5400rpm	✓	✓	✓	✓	M488Fxx	43308FG	WE		
✓	✓	✓				1x2 GB	✓	500GB/5400rpm	✓	✓	✓	✓	M488Kxx	43308KG	WE		
	✓	✓	✓			1x2 GB	✓	500GB/5400rpm	✓	✓	✓	✓	M488Lxx	43308LG	WE		
✓	✓			✓		2x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	M488Sxx	43308SG	WE		
✓	✓				✓	2x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	M488Uxx	43308UG	WE		
	✓	✓			✓	1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	M488Vxx	43308VG	WE		

### Selected ThinkPad Accessories & Upgrades \*

Lenovo Wireless Laser Mouse Black	45K1696
Ideapad 16" Toploader T360	55Y2100
Lenovo G460/G560 6 Cell Li Battery	57Y6454
Lenovo 90W AC Adapter	57Y63xx
Lenovo Headphone P550	55Y2065

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad

Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## TOPSELLER VALUELINE



### Lenovo G560

- Excellent wireless performance with Intel® Core™ i3/ i5 processors
- Starting at only 2.6kg
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Veriface™ facial recognition technology
- High- quality stereo speaker with 3D audio features



### Lenovo G565

- Up to AMD Phenom™ II X3 Triple-Core Processor N850
- Up to Genuine Windows® 7 Home Premium
- 15.6" HD screen (1366x768), 16:9 widescreen
- Up to ATI Mobility Radeon™ HD 5470 graphics
- Up to 4GB DDR3 memory, up to 640GB HDD storage
- Integrated 802.11g/n WiFi
- Integrated DVD reader/writer
- USB2.0 connectors and 5-in-1 card reader
- Integrated web camera

Specifications	G560	G565
<b>Preloaded operating system:</b>	Genuine Windows® 7 Starter 32 bit Genuine Windows® 7 Starter 64 bit Genuine Windows® 7 Home Basic 32 bit Genuine Windows® 7 Home Basic 64 bit Genuine Windows® 7 Home Premium 32 bit Genuine Windows® 7 Home Premium 64 bit	Genuine Windows® 7 Home Premium
<b>Processor/Level 2 cache:</b>	Up to Intel® Core™ processor i5-460M (2.53GHz, 3MB L3, DDR3-1066, PGA)	Up to AMD® Turion II Triple-Core N850 (2.4GHz)
<b>Video Graphics:</b>	Intel® HM55 Intergrated; NVIDIA® G310 with 1GB DDR3 VRAM	Intel® HM55 Intergrated; NVIDIA® G310 with 512M DDR3 VRAM
<b>Li-Ion Battery Life:</b>	6 cell, 2200mAh 4hrs/6 cell, 2600mAh 5hrs	Approx. 4hr (integrated graphics) with 6-cell battery
<b>Travel weight/with optical drive:</b>	2.6kg w / battery and optical	2.6kg with battery and optical
<b>Hard disk drive:</b>	Up to 500GB	Up to 750GB
<b>Display / resolution:</b>	15.6"W LED panel 1366x768 / 220 nit	15.6" high-definition (1366x768), 16:9 wide-screen
<b>Ports:</b>	3 x USB port/ VGA port/ Express Card (by model)/ 5-in-1 Card Reader/ 1.3M/0.3M pixel Camera/ RJ45/ Mic-In/ Headphone / Kensington Lock/ HDMI (by model)/ E-sata (by model)	3xUSB2.0, 5-in-1 card reader (SD, SD pro, MMC, MS pro, XD), headphones, mic, VGA

## G560 Valueline Series Model Comparison

Genuine Windows® 7 Home Premium 64 DOS	Office 2010	Intel Core i3-350M	Intel Core i3-370M	Intel Core i5-460M	Pentium P6100	Pentium P6200	Memory: Std/MAX: (Mb/GB)	Screen Size 15.6 inches HD LED Glare	Hard disk drive size (GB)	NVIDIA GeForce 310M	Intel GMA 4500M (GL40)	Optical Drive-DVD±RW DL	Battery 6 cell (Li-ion)	Warranty-1 Year Customer Carry-In Repair	Part number	Model Type	Available in country
<b>Lenovo G560</b>																	
✓	✓		✓				1x2 GB	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M278Vxx	06798VG	WE
✓	✓	✓					2x2GB DDR3	✓	320GB/5400rpm	✓	✓	✓	✓	✓	M278Xxx	06798XG	WE
✓	✓	✓					2x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M278Yxx	06798YG	WE
✓	✓				✓		1x2 GB	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M278Zxx	06798ZG	WE
✓	✓				✓		2x2 GB	✓	320GB/5400rpm	✓	✓	✓	✓	✓	M2792xx	067992G	WE
✓	✓	✓					1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M277Sxx	06797SG	WE
✓	✓	✓					1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M277Rxx	06797RG	WE
✓	✓	✓					1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M277Qxx	06797QG	WE
✓	✓	✓					1x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M277Pxx	06797PG	WE
✓	✓		✓				2x2GB DDR3	✓	500GB/5400rpm	✓	✓	✓	✓	✓	M27A3xx	0679A3G	WE
<b>Selected ThinkPad Accessories &amp; Upgrades *</b>																	
Ideapad 16" Toploader T360																55Y2100	
Lenovo G460/G560 6 Cell Li Battery																57Y6454	
Lenovo 90W AC Adapter																57Y63xx	
Lenovo Headphone P550																55Y2065	

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad

Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details

## G565 Valueline Series Model Comparison

<div> <div>Genuine Windows® 7 Home Premium 64</div> <div>Office 2010</div> <div>AMD Phenom II Triple-Core N830</div> <div>AMD Turion II Dual-Core N530</div> <div>AMD Athlon II Dual-Core P540</div> <div>AMD Athlon II Dual-Core P320</div> <div>Memory: Std/MAX. (MB/GB)</div> <div>Screen Size 15.6 inches HD LED Glare</div> <div>Hard disk drive size (GB)</div> <div>ATI Mobility Radeon HD 5470</div> <div>Optical Drive-DVD±RW DL</div> <div>Battery 6 cell (Li-ion)</div> <div>Warranty-1 Year Customer Carry-In Repair</div> <div>Part number</div> <div>Model Type</div> </div>											
Lenovo G565											
✓	✓		✓	2x2GB	✓	320GB/5400rpm	✓	✓	✓	✓	4385D2G
✓	✓		✓	2x2GB	✓	500GB 5400rpm	✓	✓	✓	✓	4385DEG
✓	✓	✓		1x2GB	✓	320GB/5400rpm	✓	✓	✓	✓	4385DHG
✓	✓		✓	1x2 GB	✓	320GB/5400rpm	✓	✓	✓	✓	4385D5G
✓	✓		✓	1x1 GB	✓	500GB/5400rpm	✓	✓	✓	✓	4385DKG
✓	✓		✓	1x2 GB	✓	250GB/5400rpm	✓	✓	✓	✓	4385D7G
✓	✓		✓	2x2GB	✓	500GB/5400rpm	✓	✓	✓	✓	4385DLG

### Selected ThinkPad Accessories & Upgrades \*

Ideapad 16" Toploader T360	55Y2100
Lenovo G460/G560 6 Cell Li Battery	57Y6454
Lenovo 90W AC Adapter	57Y63xx
Lenovo Headphone P550	55Y2065

TS = TopSeller WH = Workhorse GM = Global Models For additional IdeaPad compatible options refer to IdeaPad

Options table at the end of the IdeaPad section.

\* Listed Accessories may not work with all models - Check the IdeaPad Accessories & Upgrades section for compatibility details



## Notes

## TOPSELLER THINKPAD



### ThinkPad Edge 11", 13" and 15"

- Up to Genuine Windows® 7 Professional (64 bit)
- Powerful Intel® and AMD® Processors
- Starting at only 1.33kg ( Edge 11")
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Veriface™ facial recognition technology
- High- quality stereo speaker with 3D audio features

Specifications	Edge 11"	Edge 13"	Edge 15"
<b>Preloaded operating system:</b>	Genuine Windows® 7 Home Premium (64 bit) Genuine Windows® 7 Professional (64 bit)	Genuine Windows® 7 Home Premium (64 bit) Genuine Windows® 7 Professional (64 bit)	Genuine Windows® 7 Home Premium (64 bit) Genuine Windows® 7 Professional (64 bit)
<b>Processor/Level 2 cache:</b>	Up to Intel® U5400 and Intel® i3-380UM AMD Athlon™ Neo K125 and AMD Athlon™ Neo X2 K345	Up to Intel® Core™ i3-380UM AMD Turion™ X2 K625 AMD Turion II Neo Dual-core K685 (1.8GHz, 2MB LZ, 15W)	Up to Intel® Core™ i5-480M
<b>Video Graphics:</b>	Intel® HM55 Integrated ATI Radeon HD 4225 IGP	Intel® HM55 Integrated AMD Integrated	Intel® HM55 Integrated ATI Radeon Mobility HD 5145 512MB graphics
<b>Li-Ion Battery Life:</b>	Up to 7 hours with a 6-cell (2.6Ah) battery (Intel), Up to 6 hrs with a 6-cell (2.6Ah) battery (AMD)	Up to 7.8 hrs with a 6-cell (2.8 Ah) battery (Intel), Up to 5.2 hrs with a 6-cell (2.8 Ah) battery (AMD)	4 cell 2.2Ah / 6 cell 2.2Ah (2.9 hrs / 4.5 hrs)
<b>Travel weight/with optical drive:</b>	1.33kg w/ 3-cell	1.64kg w/ 4 cell	2.49kg w/ 4cell
<b>Hard disk drive:</b>	Up to 320GB	Up to 500GB	Up to 500GB
<b>Display/resolution:</b>	11.6" HD (1366x768) LED Glossy or Antiglare	13.3" W (16:9 aspect ratio) HD (1366 x 768) LED backlight	15.6", 16:9 HD (1366 x 768), LED backlight
<b>Ports:</b>	1 x VGA out, 1 x HDMI, 1 x Gigabit Ethernet, 1 x Mic (microphone) jack 1x Speaker jack, 3 x USB 2.0 (1 x powered), 5-in-1 card reader (MMC, SD, MS, MS-Pro and xD)	1 x VGA out, 1 x HDMI, 1 x Gigabit Ethernet, 1 x Mic (microphone) jack 1x Speaker jack, 3 x USB 2.0 (1 x powered), 5-in-1 card reader (MMC, SD, MS, MS-Pro and xD)	1 x VGA out, 1 x HDMI, 1 x Gigabit Ethernet, 1 x Mic (microphone) jack 1x Speaker jack, 3 x USB 2.0 (1 x powered), 5-in-1 card reader (MMC, SD, MS, MS-Pro and xD)

# ThinkPad® Edge Model Comparison

	Genuine Windows® 7 Home Premium 64	Genuine Windows® 7 Professional 64	Office Starter 2010	AMD Athlon™ II Neo Dual Core K145	AMD Athlon™ II Neo K145	Intel® Core™2 Duo processor	Memory: 5GB/8GB	Colour	Display type	Hard disk drive size (GB)	Intel® HM55 Integrated ATI Radeon HD 4200 (G)	Intel® HM55 Integrated ATI Radeon Mobility HD 5145 512MB graphics	Battery 6 cell(Li-Ion)	Camera	Bluetooth	Warranty: 1 Year Carry In	Part number	Model type
<b>Thinkpad Edge 13" v2 Intel</b>																		
New/TS	✓		✓		i3-380M	2x2GB	Glossy Black	13.3"	500GB/5400rpm	✓			✓	✓	✓	✓	NV13Bxx	02173BG
New/TS		✓		✓	i3-380M	2x2GB	Matte Black	13.3"	500GB/5400rpm	✓	enabled		✓	✓	✓	✓	NV13Cxx	02173CG
<b>Thinkpad Edge 13" v2 AMD</b>																		
New/TS	✓			✓		1x2 GB	Glossy Red	13.3"	320GB/5400rpm	✓			✓	✓	✓	✓	NV338xx	022138G
New/TS		✓		✓		2x2GB	Matte Black	13.3"	320GB/5400rpm	✓			✓	✓	✓	✓	NV337xx	022137G
<b>Thinkpad Edge 11" Intel</b>																		
New/TS	✓		✓		i3-380M	1x2 GB	Glossy Black	11.6"	320GB/5400rpm	✓			✓	✓	✓	✓	NVY5Gxx	03285GG
New/TS		✓		✓	i3-380M	1x2 GB	Matte Black	11.6"	320GB/5400rpm	✓			✓	✓	✓	✓	NVY5Fxx	03285FG
New/TS		✓		✓	i3-380M	2x2GB	Matte Black	11.6"	320GB/5400rpm	✓	enabled		✓	✓	✓	✓	NVY5Exx	03285EG
<b>Thinkpad Edge 11" AMD</b>																		
New/TS	✓		✓	✓		1x2 GB	Glossy Black	11.6"	250GB/5400rpm	✓	✓		✓	✓	✓	✓	NVZ3Rxx	25453RG
New/TS		✓		✓		1x2 GB	Matte Black	11.6"	320GB/5400rpm	✓			✓	✓	✓	✓	NVZ3Qxx	25453QG
New/TS	✓		✓	✓		2x2GB	Glossy Red	11.6"	320GB/5400rpm	✓			✓	✓	✓	✓	NVZ3Pxx	25453PG
<b>Thinkpad Edge 15" Intel</b>																		
New/TS		✓		✓	i3-380M	2GB	Midnight Black - Gloss	15.6"	320GB/5400rpm	✓			✓	✓	✓	✓	NVLGVxx	0301GVG
New/TS		✓		✓	i3-380M	4GB DDF	Midnight Black - Smooth	15.6"	500GB/5400rpm	✓			✓	✓	✓	✓	NVLGXxx	0301CXG
New/TS	✓		✓		i3-380M	2x2GB	Heatwave Red - Gloss	15.6"	500GB/5400rpm	✓			✓	✓	✓	✓	NVLGWxx	0301GWG
New/TS		✓		✓	i5-480M	2x2GB	Midnight Black - Smooth	15.6"	500GB/5400rpm	✓			✓	✓	✓	✓	NVLJ4xx	0301J4G
<b>Thinkpad Edge 15" AMD</b>																		
New/TS	✓		✓		i5-480M	2x2GB	Heatwave Red - Gloss	15.6"	500GB/5400rpm	✓			✓	✓	✓	✓	NVLJ5xx	0301J5G
New/TS		✓		✓	i5-480M	2x2GB	Midnight Black - Smooth	15.6"	500GB/5400rpm	✓			✓	✓	✓	✓	NVLJ6xx	0301J6G
<b>ThinkPad Edge-Selected ThinkPad Accessories &amp; Upgrades *</b>																		
ThinkPad USB Port Replicator with Digital Video																		45K161x
Lenovo Security Cable Lock																		73P2582
Lenovo 2GB PC3-10600 DDR3-1333 Low-Halogen SODIMM Memory																		55Y3710-single/ 57Y4416-25 pack
Lenovo USB Portable DVD Burner																		43N3264
ThinkPad Essential Topload Case																		57Y4309
Wenger Deluxe Slim Case for Lenovo																		57Y4272
Lenovo Power Hub																		57Y46xx

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable

( 2 ) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### L Series

- Available with Up to Genuine Windows® 7 Professional (64 bit)
- Latest Intel® Core™ i5 and Core™ i3 processors
- Starting weight only at 2.31kg with a 6-cell battery (L412)
- Improved outdoor viewability with bright LED backlit panels
- Maximum battery life up to 8-hours long battery life
- High- quality stereo speaker with 3D audio features

Specifications	L412/L512
Preloaded operating system:	Genuine Windows® 7 Professional (64 bit)
Processor/Level 2 cache:	Intel® Core™2 Duo i5-560M processor (2.66GHz, 3MB L3, 1066MHz FSB)
Video Graphics:	Intel® Integrated GMA HD ATI Mobility Radeon HD 5145
Li-Ion Battery Life:	4 cell 2.2Ah / 6 cell 2.2Ah (2.9 hrs / 4.5 hrs)
Travel weight/ with optical drive:	L412: 2.37kg L512: 2.61kg
Hard disk drive:	Up to 500 GB 5400 RPM 2.5" HDD
Display/ resolution:	L412: 14" HD (1366 x 768) LED-backlit (16:9), anti-glare display L512: 15" HD (1366 x 768) LED-backlit (16:9), anti-glare display
Ports and Slots	1 x VGA out 1 x HDMI 1 x Gigabit Ethernet 1 x Mic (microphone) jack 1x Speaker jack 3 x USB 2.0 (1 x powered) 5-in-1 card reader (MMC, SD, MS, MS-Pro and xD)

## ThinkPad® L Series Model Comparison

	Genuine Windows® 7 Professional 64	Office Starter 2010	Intel® Core™2 Duo i5-520M processor	Intel® Core™2 Duo i5-480M processor	Intel® Core™2 Duo i3-380M processor	Memory: 8GB (8GB)	Screen Size (inches)	Anti-Glare Display	Hard disk drive size (GB)	3G enabled	ATI Mobility Radeon HD 5145	Intel® Integrated GMA HD	Optical Drive	Fingerprintreader	Battery 6 cell	Camera	Bluetooth	Warranty (1 Year Customer Carry-In Repair)	Part number	Model type
<b>ThinkPad L412</b>																				
New/TS	✓	✓	✓			2GB	14.1"		320		✓	2	✓	✓	✓	✓		NVU72xx	440372G	
New/TS	✓	✓	✓			4GB DDR3 (+ 1 free slot)	14.1"		320		✓	2	✓	✓	✓	✓		NVU73xx	440373G	
<b>ThinkThinkPad L512</b>																				
New/TS	✓	✓	✓			2GB	15.6"		320		✓	2	✓	✓	✓	✓	✓	NVW4Wxx	44444WG	
New/TS	✓	✓	✓			4GB DDR3 (+ 1 free slot)	15.6"		320		✓	2	✓	✓	✓	✓	✓	NVW4Xxx	44444XG	
New/TS	✓	✓	✓			4GB DDR3 (+ 1 free slot)	15.6"	✓	320	✓	2	✓	✓	✓	✓	✓	✓	NVW57xx	444457G	
New/TS	✓	✓	✓			2x2GB	15.6"	✓	320	✓	2	✓	✓	✓	✓	✓	✓	NVW58xx	444458G	
<b>Selected ThinkPad Accessories &amp; Upgrades *</b>																				
ThinkPad Battery 55++ (9 cell)																			57Y4186	
ThinkPad Mini Dock Series 3																			45N66xx	
Lenovo Business Messenger Case																			51J0475	
Wenger Backpack for Lenovo																			57Y4271	
Lenovo 90W Ultralim AC/DC Combo Adapter																			41R4xxx	

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\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

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( 2 ) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### SL 510 Series

- Equipped with support for HDMI/VGA and HD audio for an enhanced multimedia experience
- 15.6" ( SL510) 16:9 (1366 x 768) display for brighter, more vibrant colours
- ThinkVantage® active protection system™ and Thinkpad shock-mounted hard drive
- ThinkVantage® Client security solution

Specifications	SL510
Preloaded operating system:	Genuine Windows® 7 Professional 64 Genuine Windows® 7 Professional 32 Genuine Windows® 7 Home Premium 64
Processor/Level 2 cache:	Up to Intel® Core™2 Duo processor T6670 (2.2GHz, 2M L2, 800MHz FSB)
Video Graphics:	Mobile Intel GMA 4500MHD/Mobile Intel Express Chipset with ATI Mobility Radeon 4570 256MB graphics
Li-Ion Battery Life:	6-cell battery
Travel weight/ with optical drive:	Starting weight 2.34kg
Hard disk drive:	Up to 500GB/5400rpm
Display/ resolution:	15.6" 16:9 (1366 x 768) display
Ports and Slots	1 HDMI, 1 VGA out, 3 prts USB (2), USB-eSata Combo, 1/8" stereo headphone output jack, 1/8" input jack mono microphone



## ThinkPad® SL510 Model Comparison

	Genuine Windows® 7 Professional 64	Genuine Windows® 7 Professional 32	DOS	Office Starter 2010	Intel® Celeron® processor	Intel® Pentium® processor	Intel® Core™ 2 Duo processor	Memory: Std/MAX (MB/GB)	Screen Size (Inches)	Maximum display resolution-1366 x 768	Hard disk drive size (GB)	Intel® X4500 Integrated Graphics	Mobile Intel Express Chipset with ATI Mobility Radeon 4570 256MB graphics	Optical Drive	Battery (Li-ion)-6 cell	Bluetooth	Warranty (1 Year Customer Carry-In Repair)	Warranty (1 Year Express)	Part number	Model type
<b>Thinkpad SL510</b>																				
New/TS	✓				T3500		2GB	15.6"	✓	250	✓		2	✓	✓	✓		NSLD9xx		2847D9G
New/TS	✓				T3500		2GB	15.6"	✓	250	✓		2	✓	✓	✓		NSLDAxx		2847DAG
New/TS		✓	✓			T 6670	2GB	15.6"	✓	320	✓		2	✓	✓	✓		NSLDGxx		2847DGG
New/TS		✓	✓		T4500		2GB	15.6"	✓	320	✓		2	✓	✓	✓		NSLDExx		2847DEG
New/TS		✓	✓		T4500		2GB	15.6"	✓	320	✓		2	✓	✓	✓		NSLDFxx		2847DFG
TS	✓					T 6670	4 GB	15.6"	✓	320	✓		2	✓	✓		✓	NSLCRxx		2847CRG
TS	✓					T 6670	4 GB	15.6"	✓	320	✓		2	✓	✓		✓	NSLCSxx		2847CSG
TS	✓					T 6670	4 GB	15.6"	✓	320	✓		2	✓	✓		✓	NSLD8xx		2847D8G
<b>Thinkpad SL510-Selected ThinkPad Accessories &amp; Upgrades *</b>																				
ThinkPad Battery 25++																				51J0500
Lenovo USB Portable 500GB Hard Drive																				45K1690
ThinkPad USB Port Replicator with Digital Video																				45K161x
ThinkPad Essential Topload Case																				57Y4309
Lenovo 90W Ultralim AC/DC Combo Adapter																				41R4xxx

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable  
(2) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### New 2011 T series

- Up to Genuine Windows® 7 Professional (64 bit)
- Superior performance with the newest 2<sup>nd</sup> generation Intel® Core™ processors
- Full range of technologies that include Solid State Drives (SSDs), Lenovo RapidBoot Technology, NVIDIA® Optimus™
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Active Protection System protects your hard drive
- Most secure Wireless with Client Security Solution

Specifications	T420/ T520
Preloaded operating system:	Up to Genuine Windows® 7 Professional 64 bit
Processor/Level 2 cache:	Intel® Core™ i7-2620M
Video Graphics:	Intel® HD Graphics and nVIDIA NVS4200M Graphics NVIDIA® NVS™ 4200M (512MB) with Optimus™ technology
Hard disk drive:	Select models: Up to 500GB / 7200 rpm (HDD), 160GB (SSD)
Display / resolution:	T420: Up to 14.0" HD+ (1600 x 900) (230 NITS) T520: Up to 15.6" FHD (1920 x 1080) (95% Gamut 270 NITS)
Ports and Slots:	T420: Display Port, USB 2.0 x3 USB 2.0 with Always On Yellow x1, 34mm Express Card and SD Card  T520: Display Port, USB 2.0 x 2 USB 2.0 with Always On w/yellow marking x 1 USB 2.0 / eSATA Combo x 1, 4 in 1 Card Reader 34mm Express Card, SD Card option

## ThinkPad® 2011 T Series Model Comparison

	Genuine Windows® 7 Professional 64 Genuine Windows® 7 Professional 32 Office Starter 2010 Intel® Core i7-2620M Processor Memory DDR3			Display	Hard disk drive size (GB)	Intel 5th Gen Integrated Optical Drive	Battery (L-ions)	Camera	Bluetooth	Warranty: 3 Year Onsite	Fingerprint Reader	3G WWAN Enabled	Part number	Model type
New/TS	ThinkPad T420													
	✓	✓	✓	4GB DDR3 (+ 1 free slot)	14.0" HD+/LED B/L non Glossy (1440x900) 270 NITS	500GB/7200rpm	✓ 2	6 cell	✓	✓	✓	✓	NUA9Uxx	4236182
New/TS	ThinkPad T520													
	✓	✓	✓	4GB DDR3 (+ 1 free slot)	15.6" HD+ Anti-Glare Display	500GB/7200rpm	✓ 2	9 cell	✓	✓	✓	✓	TBC	TBC 4243181
ThinkPad T series -Selected ThinkPad Accessories & Upgrades *														
Lenovo 90W Ultrastim AC/DC Combo Adapter														41R4xxx
Kensington Cable Lock														73P2582
Lenovo USB Ultra Secure Memory Key 4GB														57Y4327
ThinkPad Mini Dock Plus Series 3														45N669x

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable

( 2 ) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### T Series

- Up to Genuine Windows® 7 Professional (64 bit)
- Superior performance with Intel® Core™ i5-M and i7-M Processors with Intel® vPro™ technology
- Full range of technologies that include Solid State Drives (SSDs), an integrated 2.0MP camera, DDR3 memory
- Starting at only 1.77kg ( T410s ) 2.23kg ( T410 ) and 2.67kg ( T510 )
- Pre-loaded Rescue and recovery for easy data back-up and recovery
- Active Protection System protects your hard drive
- Most secure Wireless with Client Security Solution

Specifications	T410s/T410/T510
Preloaded operating system:	Genuine Windows® 7 Professional 32 bit or Genuine Windows® 7 Professional 64 bit
Processor/Level 2 cache:	T410s: Intel® Core™ i5 Processors T410/ T510: Intel® Core™ i5-M and i7-M Processors with Intel® vPro™ technology
Video Graphics:	Intel® HD Graphics and NVIDIA NVS3100M Graphics NVIDIA® NVS™ 3100M (512MB) with Optimus™ technology
Li-Ion Battery Life:	T410s: 6 cell Li Ion Prismatic Battery: up to 5.5 hrs 3 cell Ultra Bay battery: up to 8.5 hrs with 6 cell battery  T410: 4-cell: starting at 4.3hr 6-cell: starting at 6.5hr 9-cell: starting at 9.8hr 9-cell + bay battery: starting at 13.0hr  T510: 6-cell: starting at 4.3hr 9-cell: starting at 6.4hr 9-cell + bay battery: starting at 8.5hr
Travel weight/ with optical drive:	T410s: 1.77kg T410: 2.23kg T510: 2.67kg
Hard disk drive:	Select models: Up to 500GB / 7200 rpm (HDD), 160GB (SSD)
Display / resolution:	T410s: Up to 14" WXGA+ 1440x900 with Multitouch  T410: Up to 14.1" WXGA+ (1440x900) 16:10 aspect, 200 Nit  T510: Up to 15" FHD (1920x1080) 16:9 aspect Anti-Glare, 280 nit, 95% color gamut
Ports and Slots	1 USB/eSATA, VGA, DisplayPort, Mic/Headphone, RJ45, Optional 34mm Express Card, Combo Microphone in /Audio out

# ThinkPad® T410/T510 Series Model Comparison

Genuine Windows® 7 Professional 64 Office Starter 2010 Intel® Core 2 Duo i5-530UM Intel® Core 2 Duo i5-580MC Intel® Core 2 Duo i7-620M Memory DDR3 Display Hard disk drive size (GB) nVidia NVS 510M (512MB) Optimus Discrete Intel 5™ Integrated GFX with no power / USB Optical Drive Battery (Li-Ion) Camera Bluetooth Warranty: 3 Year Carry-in TopSeller Fingerprint Reader 3G-WiMAX Enabled Part number Model type																				
ThinkPad T410																				
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	14.1" WXGA+/LED non glossy	500GB/7200rpm	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NUA9Uxx	25379UG
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	14.1" WXGA+/LED non glossy	320GB/7200rpm	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT7L5xx	2518801
New/TS	✓	✓	✓	2x2GB(DDR3 1066MHz)	14.1" WXGA+/LED non glossy	320GB/5400rpm	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT7L7xx	2518L7G
New/TS	✓	✓	✓	2GB DDR3 (+ 1 free slot)	14.1" WXGA+/LED non glossy	320GB/5400rpm	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT7A2xx	2518A2G
New/TS	✓	✓	✓	2GB DDR3 (+ 1 free slot)	14.1" WXGA+/LED non glossy	320GB/5400rpm	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NUA59xx	253759G
ThinkPad T410s																				
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	14.1" WXGA+/LED non glossy	160 GB SSD	✓	2	6 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NUM9Jxx	29249JG
ThinkPad T510																				
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	15.6" HD+/LED B/L non Glossy (1600x900)	320GB/7200rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTIGFxx	4384GFG
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	15.6" FHD LED non glossy	500GB/7200rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTIGExxx	4384GEG
New/TS	✓	✓	✓	4GB DDR3 (+ 1 free slot)	15.6" HD+/LED B/L non Glossy (1600x900)	320GB/7200rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTFDXxx	4314DXG
New/TS	✓	✓	✓	2x2GB(DDR3 1066MHz)	15.6" HD LED	320GB/5400rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTFDQxx	4314DQG
New/TS	✓	✓	✓	2GB DDR3 (+ 1 free slot)	15.6" HD LED	320GB/5400rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTFD3xx	4314D3G
New/TS	✓	✓	✓	2GB DDR3 (+ 1 free slot)	15.6" HD LED	320GB/5400rpm	✓	2	9 cell	✓	✓	✓	✓	✓	✓	✓	✓	✓	NTIGKxx	4384GKG
ThinkPad T series -Selected ThinkPad Accessories & Upgrades *																				
Lenovo 90W Ultrastim AC/DC Combo Adapter																			41R4xxx	
Kensington Cable Lock																			73P2582	
Lenovo USB Ultra Secure Memory Key 4GB																			57Y4327	
ThinkPad Mini Dock Plus Series 3																			45N669x	

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad

Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable

(2) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### W510

- The best performing 15" mobile workstation
- The latest high-end technologies from Intel and NVIDIA
- Integrated Color Calibration, 95% NTSC Gamut Display and RAID support

Specifications	W510
<b>Preloaded operating system:</b>	Genuine Windows® 7 Professional 32 with Lenovo Enhanced Experience Genuine Windows® 7 Professional 64 with Lenovo Enhanced Experience Genuine Windows® XP Professional Downgrade
<b>Processor:</b>	Up to Intel® Core™ i7-920XM Processor (8M L3 Cache, 2.00 GHz, 2.5GT/s, 4 Cores)
<b>Video Graphics:</b>	Latest Discrete Graphics NVIDIA® Quadro® FX880M (1GB)
<b>Li-Ion Battery Life:</b>	6 Cell 2.6 Ah (up to 3.0hrs) 9 Cell 2.8 Ah (4.9hrs) 9 Cell with Bridge Battery (9.9hrs)
<b>Travel weight/ with optical drive:</b>	6 cell battery models starting from 2.671 kg
<b>Hard disk drive:</b>	5400rpm: 250GB / 320GB / 2x 320GB in RAID 0 7200rpm: 320GB / 2x 320GB in RAID 0 or 1 Solid State Drive: 128GB
<b>Display / resolution:</b>	FHD Multi-touch LED (1920x1200, 270nit) FHD LED (1920x1200, 270nit) HD+ LED (1600x900) HD LED (1366x768)
<b>Ports and Slots:</b>	Mini Dock, Advanced Mini Dock, VGS, Display Port, Ethernet RJ45, Modem, RJ11, IEEE 1394, Headphone, Microphone, USB 3.0 x2, USB 2.0 x1 (Always On), USB 2.0 / eSATA Combo x1, 5 in 1 card reader

# ThinkPad® W510 Series Model Comparison

		Genuine Windows® 7 Professional 64																					
		MTM	Part No	Warranty	Processor	Memory	HDD	Opticals	Graphics	Screen	Ethernet	WiFi	WWAN	Modem	Bluetooth	Camera	Color Sensor	Security	Battery	Card Reader			
ThinkPad W510																							
	✓	4319	NTK2	3-year carry-in	Intel Core i7-720QM (Quad core 1.60GHz 6MB L3 45W)	2GB DDR3 - 1067MHz z (+ 1 free slot)	320GB B/720 0rpm	DVD+-RW	NVIDIA A Quadro FX 880M	15.6" HD+/LED B/L non Glossy (1600x900)	Giga bit	Intel 6200 AGN (2x2)	Enabled	Yes	Yes	Yes	No	FP R	6 cell	Express Card + 5-1 Media Card			
	✓	4319	NTK6	3-year carry-in	Intel Core i5-560M (2.66GHz, 3MB L3, 1066MHz FSB,35W)	4GB DDR3 (+ 1 free slot)	320GB B/720 0rpm	DVD+-RW	NVIDIA A Quadro FX 880M	15.6" HD+/LED B/L non Glossy (1600x900)	Giga bit	Intel 6200 AGN (2x2)	Ready	Yes	Yes	Yes	No	FP R	6 cell	Express Card + 5-1 Media Card			
New! TS	✓	4319	NTK6	3-year carry-in	Intel Core i7-820QM (Quad core 1.73GHz 8MB L3 45W)	4GB DDR3 (+ 3 free slots)	500GB B/720 0rpm	DVD+-RW	NVIDIA A Quadro FX 880M	15.6" FHD LED B/L nonGlossy (1920x1080)	Giga bit	Intel 6300 AGN (3x3)	Enabled	Yes	Yes	Yes	Yes	FP R	6 cell	Express Card + 5-1 Media Card			
Selected ThinkPad Accessories & Upgrades *																							
ThinkPad USB Keyboard with Trackpoint																				55Y90xx			
ThinkPad Business Backpack Case																				43R2482			
ThinkPad Business Topload Case																				43R2476			
ThinkPad 135W AC Adapter																				55Y932x			
ThinkPad Mini Dock Plus Series 3 for Mobile Workstations																				45M10xx			
ThinkPad Battery 41++ (9 Cell)																				40Y6797			
ThinkPad Battery 55++																				51J4186			
Lenovo ThinkVision L2251p Monitor																				T72HNxx			

TS = TopSeller For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* Recovery DVD not included

## TOPSELLER THINKPAD



### W701

- NVIDIA® Quadro® FX Graphics Solutions
- Intel® Core i7 Quad-core and Extreme Processor
- The most powerful ThinkPad ever
- Superior scalability
- ISV tested & certified



### W701ds

- First ThinkPad 17" workstation with integrated dual screen for increased productivity
- NVIDIA® Quadro® FX Graphics Solutions

Specifications	W701	W701ds
<b>Preloaded operating system:</b>	Genuine Windows® 7 Professional 64 bit with Lenovo Enhanced Experience	Genuine Windows® 7 Professional 64 bit with Lenovo Enhanced Experience
<b>Processor:</b>	Up to Intel® Core i7 920XM (2.00 GHz, 8MB L3 Cache, 4 Cores, 55W)	Up to Intel® Core i7 920XM (2.00 GHz, 8MB L3 Cache, 4 Cores, 55W)
<b>Memory:</b>	1066MHz or 1333MHz DDR3 Memory Up to 16GB total memory	1066MHz or 1333MHz DDR3 Memory Up to 16GB total memory
<b>Video Graphics:</b>	Discrete OpenGL Graphics NVIDIA® Quadro® FX 3800M 1GB	Discrete OpenGL Graphics NVIDIA® Quadro® FX 3800M 1GB
<b>Li-Ion Battery Life:</b>	2.0hrs ( 9cell battery)	2.0hrs (9 cell battery)
<b>Travel weight/with optical drive:</b>	starting at 4.07kg	starting at 4.96kg
<b>Hard disk drive:</b>	Up to 2 Hard Drives Internally with RAID 0,1 support 20 GB 7200 rpm SATA or 128GB SSD	Up to 2 Hard Drives Internally with RAID 0,1 support 20 GB 7200 rpm SATA or 128GB SSD
<b>Display / resolution:</b>	17" (16:10) WUXGA (RGB LED) 100% Gamut 280 nit	17" (16:10) WUXGA (RGB LED) 100% Gamut 280 nit 2nd Display 10.6" WXGA LED
<b>Ports and Slots:</b>	5 USB ports (USB 3.0 on 1 ports), IEEE 1394, 1eSATA port, Exp (54mm) and Exp (34mm), 5 in 1 Media Card Exp Card, Compact Flash Card 54MM PCIe	5 USB ports (USB 3.0 on 1 ports), IEEE 1394, 1eSATA port, Exp (54mm) and Exp (34mm), 5 in 1 Media Card Exp Card, Compact Flash Card 54MM PCIe



# ThinkPad W701 Series Model Comparison

Genuine Windows® 7 Professional 64 bits		Intel Core i7-720QM (Quadcore 1.60GHz 8MB L3@9W)		Intel Core i7-920XM Extreme (Quad core 2.80GHz 8MB L3@9W)		Intel®Atom™ Processor N470		Graphics NVIDIA Quadro FX (1GB DDR3)		Memory 2GB DDR3 (+3 free slots)		Memory 4GB DDR3 (+4 free slots)		Screen Size (Inches)		HDD	WiFi Intel 6300 AGN (3x3)	Battery	Modem	Bluetooth	Camera	Warranty - 3-year carry-in Security	Part number	Model type
ThinkPad W701ds																								
✓	✓		2800M	✓		17.1"WUXGA nonglossy		320GB/7200rpm + 1 Open Slot	✓								9 Cell	✓	✓	✓	✓	FPR	NTV2Exx	25002EG
✓		✓	3800M		✓	17.1" WUXGA nonglossy		2x RAID 320GB/7200rpm	✓								9Cell	✓	✓	✓	✓	FPR, Digitiser, Color Sensor	NTV2Lxx	25002LG
Selected ThinkPad Accessories & Upgrades *																								
ThinkPad eSATA/USB 500GB Secure Hard Drive																							57Y4400	
ThinkPad 17W Business Topload Case																							43R9117	
230W AC Adapter																							55Y93xx	
ThinkPad W700 Mini Dock 2.0																							57Y4345	
ThinkPad Battery 37+++ (9 Cell)																							45J7914	
Lenovo ThinkVision L2440p Monitor																							T40HBXX	

TS = TopSeller For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.  
\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

# ThinkPad W701ds Series Model Comparison

		Genuine Windows® 7 Professional (64 bits)										Intel Core i7-720QM (Quadcore 1.60GHz 8MB L3@9W)										Intel Core i7-920XM Extreme (Quad core 2.80GHz 8MB L3@9W)										Intel®Atom™ Processor N470										Graphics NVIDIA Quadro FX (1GB DDR3)										Memory 2GB DDR3 (+3 free slots)										Memory 4GB DDR3 (+4 free slots)										Screen Size (Inches)										HDD										WiFi Intel 6300 AGN (3x3)										Battery										Modem										Bluetooth										Camera										Warranty - 3-year carry-in Security										Part number										Model type																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

## TOPSELLER THINKPAD



### X201

- Available with Genuine Windows® 7 Professional
- Powerful Intel® Core™ i7-640LM Processor (2.13GHz) processors for uncompromised ultraportable performance
- Starting at only at 1.34kg
- Extremely lightweight form factor providing all day computing experience with enhanced battery life up to 12.2hrs
- ThinkVantage Client Security Solution
- Most secure Wireless with Client Security Solution

Specifications	X201
Preloaded operating system:	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64
Processor/Level 2 cache:	Up to Intel® Core™ i7- 640LM Processor (2.13GHz)
Video Graphics:	Integrated Intel® X4500 HD
Li-Ion Battery Life:	Up to 3.3 hours for a 4-cell battery Up to 6.6 hours for a 6-cell battery Up to 11.0 hours for a 9-cell battery
Travel weight/ with optical drive:	4 cell: 2.89 lbs (1.34 kg) 6 cell: 3.18 lbs (1.47 kg) 9 cell: 3.52 lbs (1.63 kg)
Hard disk drive:	Up to 500GB Up to 160SSD
Display/ resolution:	12.1" WXGA LED Display (16:10)
Ports and Slots:	3 USB, Gigabit Ethernet (RrJ-45), VGA, M microphone/line-in, Headphone/line-out, choice of 5-1 media card reader with modem or 3-1 media card reader and no modem for weight optimized system.

# ThinkPad® X201 Series Model Comparison

	Genuine Windows® 7 Professional 32	Genuine Windows® 7 Professional 64	Office Starter 2010	Intel® Core™ 2 Duo processor			Screen Size (12.1 inches)	Maximum display resolution-1280x800	Hard disk drive size (GB)	Intel X4500MHD	Battery (Long)		Bluetooth	Finger-Print Reader	Warranty (3yr Customer Carry-in Repair)	Part number	Model type
	ThinkPad X201																
New! TS!	✓	✓	i5-560M	2GB DDR3 (+ 1 free slot)	✓	✓	320 GB	✓	6 cell cylindric	✓	✓	✓	✓	✓	✓	NUSDAxx	3323DAG
New! TS!	✓	✓	i7-620M	4GB DDR3 (+ 1 free slot)	✓	✓	500 GB	✓	6 cell cylindric	✓	✓	✓	✓	✓	✓	NUS1LXX	33231LG
New! TS!	✓	✓	i3-390M	2GB DDR3 (+ 1 free slot)	✓	✓	320 GB	✓	6 cell cylindric	✓		✓	✓	✓	✓	NUS1ZXX	33231ZG
New! TS	✓	✓	i5-560M	2GB	✓	✓	320 GB	✓	6 cell cylindric	✓	✓	✓	✓	✓	✓	NUSDAxx	3323DAG
New! TS	✓	✓	i7-620M	4GB	✓	✓	128SSD	✓	6 cell cylindric	✓	✓	✓	✓	✓	✓	NUSDBxx	3323DBG
New! TS	✓	✓	i5-560M	4GB	✓	✓	320 GB	✓	6 cell cylindric	✓	✓	✓	✓	✓	✓	NUSPMxx	3323PMG

## Selected ThinkPad Accessories & Upgrades \*

ThinkPad X200 UltraBase	43R8781
Lenovo 90W Ultralim AC/DC Combo Adapter	41R4xxx
2GB PC3-8500 1066MHz DDR3 Low-Halogen SODIMM Memory	55Y3707
ThinkPad Ultraportable Case	41U5062
ThinkPad Battery 47++	43R9255
ThinkPad X200s (WXGA+ only) 12W Privacy Filter	43R2470
ThinkPad X200/X200s (WXGA only) 12W Privacy Filter	55Y9264
Kensington MicroSaver Security Cable Lock from Lenovo	73P2582

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad Options table at the end of the ThinkPad section.

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable

( 2 ) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER THINKPAD



### X201 Tablet

- Available with up to Genuine Windows® 7 Professional 64
- Powerful Intel® Core™ i7-640 LM processors providing superior performance in the tablet space
- Starting at only at 1.6kg
- Improved outdoor viewability with bright LED backlit panels
- Maximum battery life up to 7.9 hours

Specifications	X201 Tablet
Preloaded operating system:	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64
Processor/Level 2 cache:	Up to Intel® Core™ i7-640LM Processor (4M Cache, 2.13 GHz)
Video Graphics:	Video Graphics Integrated Intel® X4500 HD
Li-Ion Battery Life:	6 cell slim
Travel weight/ with optical drive:	1.8kg with an 8-cell battery
Hard disk drive:	Up to 500GB/7200rpm
Display/ resolution:	12.1" LED WXGA panel with Wide Viewing Angle 12.1" Multitouch LED WXGA panel with Wide Viewing Angle
Ports and Slots:	3 USB, Gigabit Ethernet (RJ-45), VGA, Microphone/line-in, Headphone/line-out ExpressCard (54 mm) slot, 5-in-1 Media Card Reader® with modem/ 3-in-1 Media Card Reader® with modem and no modem for weight optimized system

ThinkPad® X201 Tablet Series Model Comparison

		Genuine Windows® 7 Professional 32		Genuine Windows® 7 Professional 64		Office Starter 2010		Celerio 2.4Pro		Intel® Core™ i2 Duo processor		Processor Speed (GHz)		Memory - Std/MAX (MB/GB)		Screen Size (12.1" WGA LED Multi-Touch non-glassy)		Display resolution (2880x900)		Hard disk drive size (GB)		Camera		Intel X4500MM0		Battery (L-ion/3 cell hybrid)		Bluetooth		FingerPrint Reader		3G-WiMAX-LTE-MB-LD		Warranty 3 Year Customer Carry-in		Part number		Model type												
NEW/TS		ThinkPad X201 Tablet																																																
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
		Selected ThinkPad Accessories & Upgrades *																																																
		ThinkPad X200 Ultrabase																																																
		ThinkPad Battery 12++																																																
		ThinkPad X200 Tablet Sleeve																																																
		ThinkPad Ultraportable Case																																																
		ThinkPad Bluetooth Laser Mouse																																																
		Lenovo USB 2.0 Portable 320GB Hard Drive																																																
		Kensington Microsaver Security Cable Lock From Lenovo																																																

TS = TopSeller WH = Workhorse GM = Global Models For additional ThinkPad compatible options refer to ThinkPad

\* Listed Accessories may not work with all models - Check the ThinkPad Accessories & Upgrades section for compatibility details

\*\* 1 = DVD-ROM, 2 = DVD-ROM/CD-RW, 3 = DVD Multiburner 4 = CD-ROM, 5 = Blu-Ray Recordable

(2) = 15" TFT SXGA+ / 1400 x 1050

## TOPSELLER ALL-IN-ONE SERIES



### ThinkCentre A70z All-in-One

- Genuine Windows® 7 Professional 32 bit, Genuine Windows® 7 Professional 64 bit
- 19" Widescreen LCD monitor (16:10 ratio)
- 6 USB ports (3 rear and 3 side) and a serial port
- ENERGY STAR® 5.0 compliant
- DX10 – integrated graphics card
- Extra SW security (Norton Anti Virus, Product recovery, Online Data Backup and Computrace BIOS support)
- Wireless keyboard and mouse (selected models)

### ThinkCentre M90z All-in-One

- All-new 2010 Intel® Core™ processors
- Genuine Windows® 7 Professional Preloaded with Lenovo Enhanced Experience
- Built-in 2 MP HD webcam\* and array microphones\*
- Full ThinkVantage® Technology suite
- Full HD screen with dual display support
- Simple Tap software for MultiTouch\*
- More than 12-month stable platform

Specifications	A70z AIO	M90z AIO
Preloaded Operating System:	Genuine Windows® 7 Professional 32 bit Genuine Windows® 7 Professional 64 bit	Genuine Windows® 7 Professional 32 bit / Genuine Windows® XP Professional RDVD
Processor:	Intel® Core™2 Duo	Intel® Core™2 Duo i650
Graphics / Adapters:	Intel GMA X4500	integrated graphics
HDD/Memory:	up to 500GB 7200 RPM SATA, 1x2GB PC3-8500 or 2x2GB PC3-8500	up to 500 GB 1x2 GB PC3-10600
Others:	WiFi* (802.11 a/b/g/n), web camera and microphone	6 in 1 Card reader, Monitor brightness control sensor

\* Select models only

# ThinkCentre® All-In-One Series Model Comparison

	Genuine Windows® 7 Professional 32 bit	Genuine Windows® XP Professional 64 bit	Genuine Windows® 7 Home Premium 32 bit	Genuine Windows® 7 Home Premium 64 bit	Intel® Pentium® Dual-Core	Intel® Core 2 Duo	Intel® Core™	Processor Speed (GHz)	Intel® Chipset	Graphic card	Memory	Memory Speed	Hard disk Drive Size (GB)	Optical Drive	Warranty	Part number	Model Type Machine
<b>ThinkCentre A70z All in One</b>																	
TS	✓				E7500	3.0	G41	Intel GMA X4500	2048	PC3-8500	320	Slim Rambo	1/1 OnSite	VDDG6xx	0401G6G		
TS		✓			E7500	2.93	G41	Intel GMA X4500	2048	PC3-8500	500	Slim Rambo	1/1 OnSite	VDDR5xx	0401R5G		
TS			✓		E7600	3.06	G41	Intel GMA X4500	4096	PC3-8500	500	Slim Rambo	1/1 OnSite	VDDK4xx	0401K4G		
<b>ThinkCentre M90z All in One</b>																	
TS	✓				i5 650	2.80	Q57	Integrated	2048	PC3-10600	320	Slim Rambo	3/3 OnSite	VEEB8xx	3429B8G		
TS		✓			i5 650	3.20	Q57	Integrated	2048	PC3-10600	500	Slim Rambo	3/3 OnSite	VEEB9xx	3429B9G		
<b>Selected ThinkCentre A70z Accessories &amp; Upgrades *</b>																	
ThinkCentre A70z Performance Stand																57Y4277	
ThinkCentre Extend Arm																57Y4352	
<b>Selected ThinkCentre M90z Accessories &amp; Upgrades *</b>																	
Lenovo Ultrasm Wireless Keyboard and Mouse																57Y47xx	
ThinkCentre Extend Arm																57Y4352	
ThinkCentre M90z Height Adjustable Stand																57Y4351	

## TOPSELLER THINKCENTRE



### ThinkCentre A70

- Superior performance with up to 4GB 2DIMM DDR3 memory
- Genuine Windows® 7 Professional
- Preloaded Microsoft® Office 2010 Starter
- Supports up to Intel® Core™ 2 Duo processors
- Integrated DX10 graphics
- Improved end-user comfort - a low-profile keyboard with a Hot-Key design
- 20% workspace savings\* with the tower footprint Think exclusive management tools - ThinkVantage® Technologies suite

Specifications	A70 TWR/SFF
Preloaded Operating System:	Genuine Windows® 7 Professional DOS licence
Processor:	Intel® Pentium® Dual-Core or Intel® Core™ 2 Duo Cel Dual Core
Graphics / Adapters:	Intel GMA X4500 DVI-D Connection Adapter
HDD/Memory:	up to 2 GB PC3-8500
Others:	DVD Recordable Intel® G41chipset



# ThinkCentre® A70 Model Comparison

	OS	Genuine Windows® 7 Home Premium 64-bit	Genuine Windows® 7 Professional 32-bit	Intel® Pentium® Dual-Core	Intel® Core™2 Duo	Cell Dual Core	Processor Speed (GHz)	Intel® On-Set	Graphic card	Memory (MB)	Memory Speed	Hard Disk Drive Size (GB)	Optical Drive	Warranty	Part Number	Model Type Machine
<b>ThinkCentre A70 Tower</b>																
TS	✓		E7500	2.93	Intel G41	GMA X4500				2048	PC3-8500	320 DVD Recordable	1/1 OnSite	VBEA5XX	7099A5G	
TS	✓		E5700	3.0	Intel G41	GMA X4500				2048	PC3-8500	320 DVD Recordable	1/1 OnSite	VBEH8xx	7099H8G	
TS	✓		E7500	2.93	Intel G41	DVI-D Connection Adapter FH with HDCP				2048	PC3-8500	320 DVD Recordable	1/1 OnSite	VBEL6xx	7099L6G	
TS	✓		E7600	3.06	Intel G41	DVI-D Connection Adapter FH with HDCP				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBEL7xx	7099L7G	
TS	✓		E7600	3.06	Intel G41	GMA X4500				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBEF7xx	7099E7G	
TS	✓		E5700	3.0	Intel G41	GMA X4500				1024	PC3-8500	250 DVD Recordable	1/1 OnSite	VBEH7xx	7099H7G	
TS	✓			E3400	2.60	Intel G41	GMA X4500			1024	PC3-8500	160 DVD Recordable	1/1 Carry-in	VBEH6xx	7099H6G	
TS	✓		E7500	2.93	Intel G41	DVI-D Connection Adapter W/HDCP - LP				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBEH7xx	7099N7G	
TS	✓		E7500	2.93	Intel G41	DVI-D Connection Adapter FH with HDCP				2048	PC3-8500	250 DVD Recordable	1/1 OnSite	VBEH8xx	7099N8G	
TS	✓		E5700	3.0	Intel G41	GMA X4500				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBEH9xx	7099N9G	
TS	✓		E5700	3.0	Intel G41	GMA X4500				2048	PC3-8500	250 DVD Recordable	1/1 OnSite	VBEL8xx	7099L8G	
<b>ThinkCentre A70 Small Form Factor</b>																
TS	✓		E5700	3.0	Intel G41	GMA X4500				2048	PC3-8500	320 DVD Recordable	1/1 OnSite	VBFK1xx	7844K1G	
TS	✓		E7600	3.06	Intel G41	DVI-D Connection Adapter LP with HDCP				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBFM5xx	7844M5G	
TS	✓		E7500	2.93	Intel G41	GMA X4500				2048	PC3-8500	320 DVD Recordable	1/1 OnSite	VBFH9xx	7844H9G	
TS	✓		E7600	3.06	Intel G41	GMA X4500				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBFH7xx	7844H7G	
TS	✓		E5700	3.0	Intel G41	GMA X4500				1024	PC3-8500	250 DVD Recordable	1/1 OnSite	VBFK4xx	7844K4G	
TS	✓		E7500	2.93	Intel G41	DVI-D Connection Adapter W/HDCP - LP				2048	PC3-8500	500 DVD Recordable	1/1 OnSite	VBFN3xx	7844N3G	
<b>Selected ThinkCentre A70 Accessories &amp; Upgrades *</b>																
Lenovo Ultrasm Wireless Keyboard & Mouse															57Y47xx	
Kensington Twin Head Cable Lock from Lenovo															45K1620	
Lenovo USB 2.0 Portable 500GB Hard Drive															45K1690	
Lenovo 512MB NVIDIA GeForce 310 DMS59 Dual-DVI, Dual-VGA Graphics Card															57Y4167	

TS = TopSeller WH = Workhorse GM = Global Models. E = Intel® Pentium® 4 Processor with 1MB Cache.

\* Listed Accessories may not work with all models. Check the ThinkCentre Accessories & Upgrades for compatibility detail

Intel 900 or 950 = Integrated Intel Graphics Media Accelerator 900 or 950. X500 = Radeon X500 SE Video Adapter. X300 = Radeon X300 SE Video Adapter. DVI - I - DVI-I Connection Adapter (PCI Express adapter card)

6200 - 64MB NVIDIA GeForce 6200 (PCI Express adapter card). 6200 - 64MB NVIDIA GeForce 6200. VGA PCI-e. x700 = 128MB ATI RADEON X700 PRO PCI-e. 6100 = NVIDIA GeForce 6100. 7300LE = GeForce 7300LE.

## TOPSELLER THINKCENTRE



### ThinkCentre M Series

- Incredible performance with next-generation Intel® Core™ i CPUs with Turbo Boost and Hyper-threading
- Guarantee 15 month image stability
- 35 Second Boot Up with Lenovo Windows® 7 Enhanced Experience
- Energy Star® 5.0, EPEAT® Gold and GREENGUARD® compliant form factors
- Prevents data theft—USB individual disable, PS/2® ports and Intrusion switch
- Suite of ThinkVantage Technologies (Rescue and Recovery®, System Migration Assistant™, Secure Data Disposal™ etc.)
- SMC 2.0 support for low TCO while getting full PC end user experience
- Integrated Intel® HD Graphics card

Specifications	M90 Tower	M90 SFF	M90 uSFF
Preloaded Operating System:	Genuine windows® 7 Professional 64 bit	Genuine Windows® 7 Professional 64 bit	Genuine Windows® 7 Professional 32 bit preinstalled (including a downgrade right to Genuine Windows® XP)
Processor:	Intel® Core™ i3-550	Intel® Core™ i3-550	Intel® Core™ i3-550
Chipset:	Q57	Q57	Q57
HDD/Memory:	320/7200/SATA 2GB PC3-10600	320/7200/SATA 2GB PC3-10600	320/7200/SATA 2GB PC3-10600
Dimensions (DxWxH):	440 x 175 x 402 (mm)	355 x 317 x 99 (mm)	238 x 275 x 79 (mm)

## TOPSELLER THINKCENTRE



### ThinkCentre M Series

- Incredible performance with next-generation Intel® Core™ i CPUs with Turbo Boost and Hyper-threading
- Guarantee 15 month image stability
- 35 Second Boot Up with Lenovo Windows® 7 Enhanced Experience
- Energy Star® 5.0, EPEAT® Gold and GREENGUARD® compliant form factors
- Prevents data theft—USB individual disable, PS/2® ports and Intrusion switch
- Suite of ThinkVantage Technologies (Rescue and Recovery®, System Migration Assistant™, Secure Data Disposal™ etc.)
- SMC 2.0 support for low TCO while getting full PC end user experience
- Integrated Intel® HD Graphics card

Specifications	M90p Tower	M90p SFF	M90p uSFF
Preloaded Operating System:	Genuine Windows® 7 Professional 64 bit preinstalled	Genuine Windows® 7 Professional 64 bit preinstalled	Genuine Windows® 7 Professional 64 bit
Processor:	Intel® Core™ i650	Intel® Core™ i650	Intel® Core™ i650
Chipset:	Q57	Q57	Q57
HDD/Memory:	500/7200/SATA 2x2GB PC3-10600	500/7200/SATA 2x2GB PC3-10600	500/7200/SATA 2x2GB PC3-10600
Dimensions (DxWxH):	440 x 175 x 402 (mm)	355 x 317 x 99 (mm)	238 x 275 x 79 (mm)

## TOPSELLER THINKCENTRE



### ThinkCentre M Series

- Intel® Core™2 Quad, Core™2 Duo and Intel® Pentium Dual Core processors
- Available with Genuine Windows® 7 Professional preinstalled (including a downgrade right) Genuine Windows Vista® and Genuine Windows® XP Professional
- EPEAT Gold (select models)
- Energy Star 4.0 and 5.0 compliant (select models)
- Intel® GMA4500 and GMA X4500 (DX 10) (selected models)
- Pre-loaded Rescue and Recovery for easy data back-up and recovery
- Easy migration of personal settings with Systems Migration Assistant (downloadable)

Specifications	M58 Tower	M58 SFF
Preloaded Operating System:	Genuine Windows® 7 Professional 32 bit	Genuine Windows® 7 Professional 32 bit
Processor:	Intel® Core™2 Duo E7500	Intel® E5700 Pentium Dual Core
Graphics:	Intel GMA 4500	Intel GMA 4500
HDD/Memory:	2GB PC3-8500 / 250GB 7200rpm	2 GB PC3-8500 / 250GB

# ThinkCentre® M Series Model Comparison

		Genuine Windows® 7 Professional 32 bit	Genuine Windows® 7 Professional 64 bit	Intel® Pentium® Dual-Core	Intel® Core 2 Duo	Intel® Dual Core	Intel® Core™	Intel® Quad Core	Processor Speed (GHz)	Intel® Chipset	Graphic card	Memory	Memory Speed	Hard Disk Drive Size (GB)	Optical Drive	Warranty	Part number	Model Type
TS	ThinkCentre M58 Tower	✓		E7500		2.93	Intel Q45	GMA 4500	2048	PC3-8500	250	DVD Recordable SATA	3/3 Carry-in	SK5A1xx	4086A1G			
	ThinkCentre M58 Small Form Factor	✓		E5700		3.0	Intel Q45	GMA 4500	2048	PC3-8500	250	DVD Recordable SATA	3/3 Carry-in	SK7A3xx	4099A3G			
TS	ThinkCentre M90 Tower	✓		i3-550		3.20	Q57		2048	PC3-10600	320	DVD Recordable SATA	3/3 OnSite	STYB8xx	3246B8G			
	ThinkCentre M90 Small Form Factor	✓		i3-550		2.93	Q57		2048	PC3-10600	320	DVD Recordable SATA	3/3 OnSite	STXB6xx	3245B6G			
TS	ThinkCentre M90 Ultra Small Form Factor	✓		i3-550		3.20	Q57		2048	PC3-10600	320	DVD Recordable	3/3 On-site	STWB3xx	3244B3G			
	ThinkCentre M90 Eco Ultra Small Form Factor	✓		G6950		2.80	Q57		2048	PC3-10600	320	DVD Recordable	3/3 On-site	STWB1xx	3244B1G			
TS	ThinkCentre M90p Tower	✓		i5 650		3.20	Q57		4096	PC3-10600	500	DVD Recordable	3/3 OnSite	SPSB5xx	3282B5G			
	ThinkCentre M90p Small Form Factor	✓		i5 650		3.20	Q57		4096	PC3-10600	500	DVD Recordable SATA	3/3 OnSite	SPRB4xx	3269B4G			
TS	ThinkCentre M90p Ultra Small Form Factor	✓		i5 650		3.20	Q57		4096	PC3-10600	500	DVD Recordable	3/3 OnSite	STZA8xx	3257A8G			
Selected ThinkCentre Accessories & Upgrades *																		
	2GB PC3-10600 DDR3-1333 UDIMM Memory																	57Y4389
	ThinkCentre Extend Arm																	57Y4352
	Kensington Twin Head Cable Lock from Lenovo																	45K1620
	Lenovo USB 2.0 Ultra Secure Memory Key - 4 GB																	57Y4327
	LANDesk Management Suite for ThinkVantage Technologies (1-4999)																	40Y7937
	Lenovo USB 2.0 Portable 320 GB Hard Drive																	45K1689
	Lenovo USB Smartcard Keyboard																	51J01xx

TS = TopSeller WH = Workhorse GM = Global Models, E = Intel® Pentium® 4 Processor with

\* Listed Accessories may not work with all models - Check the ThinkCentre Accessories & Upgrn

## TOPSELLER ALL-IN-ONE DESKTOPS



### Lenovo C200

- Up to Intel® Atom™ Dual Core processor D510
- Up to Genuine Windows® 7 Home Premium
- Large 18.5" HD 16:9 widescreen display
- Up to NVIDIA® ION™ 256MB graphics processor¹
- Supports high-definition graphics¹
- Up to 4GB DDR2 memory, up to 500GB HDD storage
- Integrated high-speed 802.11n WiFi
- DVD reader/writer
- USB2.0 connectors, 6-in-1 card reader
- Integrated stereo speakers
- Integrated Lenovo High-Sense



### IdeaCentre A310

- Up to Intel® Core™ i5-450M processor with Intel® Turbo Boost Technology\*
- Available with Genuine Windows® 7 Home Premium with Lenovo Enhanced Experience — a faster, richer and easier way to use your PC
- 21.5" Full HD (1920x1080) 16:9 widescreen display
- Intel® HD integrated graphics processor
- Up to 8GB DDR3 memory
- Up to 500GB HDD storage
- Integrated high-speed 802.11n WiFi
- USB2.0, 7-in-1 card reader

Specifications	C200	A310
<b>Preloaded Operating System:</b>	Genuine Windows® 7 Home Premium or Genuine Windows® 7 Professional	Genuine Windows® 7 Home Premium or Genuine Windows® 7 Professional
<b>Processor:</b>	Intel® Atom™ Dual Core processor D510 (1.60GHz, 1MB L2 Cache) Intel® Atom™ processor D410 (1.60GHz, 512KB L2 Cache)	New 2010 Intel® Core™ i5-450M processor with Intel® Turbo Boost Technology* (2.40GHz, 3MB L2 Cache) New 2010 Intel® Core™ i3-370M processor (2.40GHz, 3MB L2 Cache) New 2010 Intel® Core™ i3-350M processor (2.26GHz, 3MB L2 Cache) Intel® Pentium® Dual Core processor P6000 (1.86GHz, 3MB L2 Cache)
<b>Video Graphics:</b>	NVIDIA® ION™ 256MB graphics processor Intel® GMA 3150 integrated graphics	Intel® HD integrated graphics
<b>Memory:</b>	Up to 4GB DDR2 memory	Up to 8GB DDR3 1066MHz
<b>Hard disk drive:</b>	320GB/500GB HDD	320GB/500GB HDD
<b>Display / resolution:</b>	18.5" 16:9 widescreen (1366x768) with optional Single Touch panel	21.5" Full HD 16:9 widescreen (1920x1080), LED Panel Technology
<b>Ports:</b>	5xUSB2.0 (2xside, 3xrear), 6-in-1 card reader, headphones, mic	7-in-1 card reader, 4xUSB2.0, HDMI in, HDMI out, TV in
<b>Ports and Slots:</b>	3 USB, Gigabit Ethernet (RJ-45), VGA, Microphone/line-in, Headphone/line-out ExpressCard (54 mm) slot, 5-1 Media Card Reader® with modem/ 3-1 Media Card Reader® with modem and no modem for weight optimized system	3 USB, Gigabit Ethernet (RJ-45), VGA, Microphone/line-in, Headphone/line-out ExpressCard (54 mm) slot, 5-1 Media Card Reader® with modem/ 3-1 Media Card Reader® with modem and no modem for weight optimized system

# Lenovo® C200 Model Comparison

Geniate Windows® 7 Home Premium 32bit		Geniate Windows® 7 Home Premium 64 bit		Intel Chipset		Graphic card		Memory		HDD		Optical drive		Warranty		Part number		Model Type Machine		Countries available	
Intel® Atom™	Core i3																				
ThinkCentre C200 All-in-One																					
✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1QGE	40251QG	Germany										
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1RGE	40251RG	Germany									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2x2GB DDR2	500GB/5400rpm	DVD±RW	1 Year	VCJ1SGE	40251SG	Germany									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1TGE	40251TG	Germany									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1UGE	40251UG	Germany									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2x2GB DDR2	500GB/5400rpm	DVD±RW	1 Year	VCJ1VGE	40251VG	Germany									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Intel GMA 3150 integrated	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1WXX	40251WG	DE, UK, FR, DK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ1XXX	40251XG	DE, UK, FR, DK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2x2GB DDR2	500GB/5400rpm	DVD±RW	1 Year	VCJ1YXX	40251YG	DE, UK, FR, DK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Intel GMA 3150 integrated	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ2AUK	40252AG	UK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ2BUK	40252BG	UK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2x2GB DDR2	500GB/5400rpm	DVD±RW	1 Year	VCJ2CUK	40252CG	UK									
	✓	D510	6-in-1 card reader (SD/SD-pro/MMC/MS/MS-pro/XD)	NM11	Nvidia ION 256M	2x2GB DDR2	320GB/5400rpm	DVD±RW	1 Year	VCJ2XXX	40252XG	DE, UK, FR, DK									
Selected Accessories & Upgrades *																					
Lenovo Ultrasm Wireless Keyboard & Mouse																				57Y47xx	
Kensington Twin Head Cable Lock from Lenovo																				45K1620	
Lenovo USB 2.0 Ultra Secure Memory Key - 4 GB																				45J5917	
LANDesk Management Suite for ThinkVantage Technologies (1-4999)																				40Y7937	
Lenovo USB 2.0 Portable 320 GB Hard Drive																				45K1689	
Lenovo USB Smartcard Keyboard																				51J01xx	

TS = TopSeller WH = Workhorse GL

\* Listed Accessories may not work with

Intel 900 or 950 = Integrated Intel Graphics Media Accelerator 900 or 950, X600 = Radeon X600 Pro Video Adapter, X300 = Radeon X300 SE Video Adapter, DV1-I - DV1 I Connection Adapter (PCI Express adapter card)  
6200 - 64MB NVIDIA GeForce 6200 (PCI Express adapter card), 6200 = 64MB NVIDIA GeForce 6200, VGA PCI-e, x700 = 128MB ATI RADEADON X700 PRO PCI-e, 6100 = NVIDIA GeForce 6100, 7300LE = GeForce 7300LE.

# IdeaCentre® A310 Model Comparison

IdeaCentre A310 All-in-One																											
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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TS = TopSeller WH = Workhorse GM = Global Models, E = Intel® Pentium® 4 Processor with 1MB Cache.

\* Listed Accessories may not work with all models - Check the ThinkCentre Accessories & Upgrades for compatibility details.

## TOPSELLER THINKSTATION



### ThinkStation C20/C20x

- Supports Intel® Xeon® E5500, E5600 and X5600 Series Processors
- Available with Genuine Windows® 7 Professional with Lenovo Enhanced Experience
- Choice of NVIDIA® Quadro Professional Graphics - Up to 2x Quadro 5000
- EPEAT Gold, Energy Star 5.0 and GREENGUARD certified.
- Designed for space-constrained users in the Finance industry and select users of CAD and DCC who require dual CPU performance in the smallest-possible form factor
- Small size lets you fit 14 systems in a 42U rack

Specifications	C20/C20x
<b>Preloaded operating system:</b>	Genuine Windows® 7 Professional 64 bit with Lenovo Enhanced Experience
<b>Processor:</b>	Intel® Xeon® Processor E5507 (4M Cache, 2.26 GHz, 4.80 GT/s Intel® QPI) Intel® Xeon® Processor E5620 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI) Intel® Xeon® Processor E5640 (12M Cache, 2.66 GHz, 5.86 GT/s Intel® QPI) Intel® Xeon® Processor X5650 (12M Cache, 2.66 GHz, 6.40 GT/s Intel® QPI)
<b>Video Graphics:</b>	<b>2D adapters</b> NVIDIA® Quadro® NVS 450 512MB NVIDIA® Quadro® NVS 295 256MB NVIDIA® Quadro® NVS 290 256MB  <b>3D adaptors</b> NVIDIA® Quadro® FX 380 256MB NVIDIA® Quadro® 600 1GB NVIDIA® Quadro® 2000 1GB NVIDIA® Quadro® 4000 2GB NVIDIA® Quadro® 5000 2.5GB ATI FirePro™ V3700, 256MB ATI FirePro™ V5700, 512MB ATI FirePro™ V7750, 1GB
<b>Hard disk drive:</b>	<b>3.5"</b> 250GB SATA - 7200 rpm, 3 Gb/s, 8MB cache 500GB SATA - 7200 rpm, 3 Gb/s, 8MB cache 1000GB SATA - 7200 rpm, 3 Gb/s, 8MB cache 147GB SAS - 15000 rpm, 3Gb/s, 32MB cache 300GB SAS - 15000 rpm, 3Gb/s, 32MB cache 450GB SAS - 15000 rpm, 3Gb/s, 32MB cache  <b>2.5"</b> 74 GB SATA - 1000rpm 3Gb/s, 16MB cache 150 GB SATA - 10000 rpm 3Gb/s, 16MB cache 300 GB SATA - 10000 rpm, 3GB/s, 16MB cache  <b>SSD - 1.8" - MLC HDD</b> 128GB Solid State Drive (SSD) - MLC HDD 256GB Solid State Drive (SSD) - MLC HDD



## ThinkStation® C20 Series Model Comparison

	Genuine Windows® 7 Professional 64	MTM	Part No	Form Factor	Warranty	Chipset	Processor	Memory	HDD 1	Opticals	Graphics	Ethernet	Power Supply
<b>ThinkStation C20</b>													
TS	✓	426521G	SSD21xx	Compact Tower	3/3 OnSite	Intel 5520	2 x Intel Xeon Processor E5507 (8M Cache, 2.26 GHz, 4.8GT/sec FSB)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	750Watt
TS	✓	426549G	SSD49xx	Compact Tower	3/3 OnSite	Intel 5520	Intel Xeon Processor E5507 (8M Cache, 2.26 GHz, 4.8GT/sec FSB)	1x2GB DDR3-1333 uDIMM	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	750Watt
New TS	✓	426552G	SSD52xx	Compact Tower	3/3 OnSite	Intel 5520	Intel Xeon Processor E5620 (12M Cache, 2.40 GHz, 5.86GT/sec FSB)	3x2GB DDR3-1333 UDIMM	150GB 10000rpm 2.5" SATA	DVD+-RW	N/A	Eth Giga	750Watt
TS	✓	426561G	SSD61xx	Compact Tower	3/3 OnSite	Intel 5520	2 x Intel Xeon Processor E5620 (12M Cache, 2.40 GHz, 5.86GT/sec FSB)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	750Watt
<b>Selected ThinkStation C20 Accessories &amp; Upgrades *</b>													
2GB PC3-10600 1333Mhz DDR3 ECC UDIMM Memory													43R2033
NVIDIA® Quadro® NVS 450 Quad-DisplayPort, 4x DVI-D													57Y4398
NVIDIA® Quadro® 600 96-CUDA Cores DVI-I Dual Display Port Graphics Card													0A36183
Lenovo Fingerprint USB Keyboard													73P47xx
Lenovo ThinkVision® L2440p Monitor													T40HBxx

TS = TopSeller

\* Listed Accessories may not work with all models - Check the ThinkStation Accessories & Upgrades for compatibility details.

## TOPSELLER THINKSTATION



### ThinkStation E20

- Up to Intel® Xeon® X3400 series, Intel® Core i3 and Core i5 Processors
- Available with Genuine Windows® 7 Professional with Lenovo Enhanced Experience
- NVIDIA® Quadro or Intel® Integrated Workstation-class Graphics
- Energy Star 5.0 compliant
- Idle noise level of less than 24db makes it nearly undetectable
- SATA and SAS high-capacity, high-performance hard drive support, including RAID

Specifications	E20
Preloaded operating system:	Genuine Windows® 7 Professional 64 bit with Lenovo Enhanced Experience
Processor:	<p>Intel® Xeon® X3430 (2.40GHz /Quad /8M cache/ 1333MHz Memory Support /95W)                      Intel® Xeon® X3440 (2.53GHz /Quad /8M cache/ 1333MHz Memory Support /95W)                      Intel® Xeon® X3450 (2.67GHz /Quad /8MB cache / 1333MHz Memory Support /95W)                      Intel® Xeon® X3470 (2.93GHz /Quad /8M cache/ 1333MHz Memory Support /95W)                      Intel® Xeon® X3480 (3.06GHz /Quad /8M cache/ 1333MHz Memory Support /95W)</p> <p>Intel® Core i3-530 (2.93GHz /Dual /4MB cache / 1333 MHz Memory Support /73W /Integrated Graphics)                      Intel® Core i3-550 (3.20GHz/ Dual /4MB cache / 1333 MHz Memory Support /73 W/Integrated Graphics)                      Intel® Core i5-650 (3.20GHz /Dual /4MB cache / 1333 MHz Memory Support /73W /Integrated Graphics)                      Intel® Core i5-660 (3.33GHz /Dual /4MB cache / 1333 MHz Memory Support /73W /Integrated Graphics)                      Intel® Core i5-670 (3.46GHz /Dual /4MB cache / 1333 MHz Memory Support /73W /Integrated Graphics)                      Intel® Core i5-680 (3.60GHz /Dual /4MB cache / 1333 MHz Memory Support /73W /Integrated Graphics)</p>
Video Graphics:	<p><b>2D adapters</b>                      NVIDIA® NVS295 256MB                      NVIDIA® NVS450 512MB</p> <p><b>3D adapters</b>                      NVIDIA® FX380 256MB                      NVIDIA® Quadro® 600 1GB                      NVIDIA® Quadro® 2000 1GB</p> <p>ATI FirePro V3700 256MB                      ATI FirePro V5700 512MB</p>
Hard disk drive:	<p>SATA - 3.5" - 7200 RPM - 3GB/s                      250GB SATA - 7200 RPM, 3GB/s, 8MB cache                      500GB SATA - 7200 RPM, 3GB/s, 16MB cache                      1TB SATA - 7200 RPM, 3GB/s, 32MB cache</p> <p>SATA - 2.5" - 10K RPM                      150GB SATA - 10000 RPM, 3GB/s, 16MB cache                      300GB SATA - 10000 RPM, 3GB/s, 16MB cache</p> <p>SSD - 1.8" - MLC HDD                      128GB Solid State Drive (SSD) - MLC HDD</p>

# ThinkStation® E20 Series Model Comparison

	Genuine Windows® 7 Professional 64	MTM	Part No	Form Factor	Warranty	Chipset	Processor	Memory	HDD 1	Opticals	Graphics	Ethernet	Power Supply
ThinkStation E20													
TS	✓	422221G	VJD21xx	Tower	3/3 OnSite	Intel x3450	Intel Xeon X3440 (2.53GHz, 8MB L2, 1333MHZ)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	280 Watt Fixed
TS	✓	422257G	VJD57xx	Tower	3/3 OnSite	Intel x3450	Intel Xeon X3450 (2.67GHz, 8MB L2, 1333MHZ)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	280 Watt Fixed
New TS	✓	422258G	VJD58xx	Tower	3/3 OnSite	Intel x3450	Intel Xeon X3430 (2.40GHz, 8MB L2, 1333MHZ)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	280 Watt Fixed
TS	✓	422261G	VJD61xx	Tower	3/3 OnSite	Intel x3450	Intel Core i5-650 (3.20GHz, 4MB L3, 1333MHZ)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	Integrated (CPU supported)	Eth Giga	280 Watt Fixed
New TS	✓	422276G	VJD76xx	Tower	3/3 OnSite	Intel x3450	Intel Core i3-550 (3.2GHz, 4MB L3, 1333MHZ)	2x2GB DDR3-1333 UDIMM NON-ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	Integrated (CPU supported)	Eth Giga	280 Watt Fixed
New TS	✓	422277G	VJD77xx	Tower	3/3 OnSite	Intel x3450	Intel Core i5-680 (3.60GHz, 4MB L3, 1333MHZ)	2x2GB DDR3-1333 UDIMM NON-ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	Integrated (CPU supported)	Eth Giga	280 Watt Fixed
Selected ThinkStation E20 Accessories & Upgrades *													
New TS	2GB PC3-10600 1333Mhz DDR3 ECC UDIMM Memory												43R2033
	NVIDIA® Quadro® 600 96-CUDA Cores DVI-I Dual Display Port Graphics Card												0A36183
	NVIDIA® Quadro® FX 380 16-CUDA Cores Dual DVI-I Graphics Card												45K1670
	Lenovo Fingerprint USB Keyboard												73P47xx
	Kensington Microsaver Security Cable Lock by Lenovo												73P2582

TS = TopSeller

\* Listed Accessories may not work with all models - Check the ThinkStation Accessories & Upgrades for compatibility details.

## TOPSELLER THINKSTATION



### ThinkStation S20/D20

- Up to Intel® Xeon® W3500 or 5500 series processors, Support for second processor (D20)
- Available with Genuine Windows® 7 Professional
- NVIDIA® and ATI graphics for the ultimate 3D performance
- Energy Star 5.0 compliant (selected models)
- Idle noise level of less than 24db makes it nearly undetectable
- SATA and SAS high-capacity, high-performance hard drive support, including built-in RAID

Specifications	S20/D20
Preloaded operating system:	Genuine Windows® 7 Professional 64
Processor:	<p>2 Cores</p> <p>Intel® Xeon® Processor W3503 (4M Cache, 2.40 GHz, 4.80 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor W3505 (4M Cache, 2.53 GHz, 4.80 GT/s Intel® QPI)</p> <p>4 Cores</p> <p>Intel® Xeon® Processor E5507 (4M Cache, 2.26 GHz, 4.80 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor E5620 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor E5630 (12M Cache, 2.53 GHz, 5.86 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor E5640 (12M Cache, 2.66 GHz, 5.86 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor W3530 (8M Cache, 2.80 GHz, 4.80 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor W3550 (8M Cache, 3.06 GHz, 4.80 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor W3565 (8M Cache, 3.20 GHz, 4.80 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor X5667 (12M Cache, 3.06 GHz, 6.40 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor X5677 (12M Cache, 3.46 GHz, 6.40 GT/s Intel® QPI)</p> <p>6 Cores</p> <p>Intel® Xeon® Processor X5650 (12M Cache, 2.66 GHz, 6.40 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor X5660 (12M Cache, 2.80 GHz, 6.40 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor X5670 (12M Cache, 2.93 GHz, 6.40 GT/s Intel® QPI)</p> <p>Intel® Xeon® Processor X5680 (12M Cache, 3.33 GHz, 6.40 GT/s Intel® QPI)</p>
Video Graphics:	<p>NVIDIA® Quadro® NVS290 256MB</p> <p>NVIDIA® Quadro® NVS295 256 MB</p> <p>NVIDIA® Quadro® NVS450 512MB</p> <p>NVIDIA® Quadro® FX 380 256MB</p> <p>NVIDIA® Quadro® 600 1GB</p> <p>NVIDIA® Quadro® 2000 1GB</p> <p>NVIDIA® Quadro® 4000 2GB</p> <p>NVIDIA® Quadro® 5000 2.5GB</p> <p>NVIDIA® Quadro® 6000 6GB</p> <p>NVIDIA® Tesla C2050 1.5GB</p> <p>ATI FirePro V3700, 256MB</p> <p>ATI FirePro V5700, 512MB</p> <p>ATI FirePro V7750, 1GB</p>
Hard disk drive:	<p>Up to 1TB 3.5" SATA 7200 rpm, 8MB Cache</p> <p>Up to 300GB 3.5" SAS 15000 rpm, 32MB Cache</p> <p>Up to 300GB 2.5" SATA 10000 rpm, 16MB Cache</p>

# ThinkStation™ S20 Series Model Comparison

	Genuine Windows® 7 Professional 64	MTM	Part No	Form Factor	Warranty	Chipset	Processor	Memory	Hard 1	Opticals	Graphics	Ethernet	Power Supply
<b>ThinkStation S20</b>													
TS	✓	410596G	SNC96xx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3503 (4M Cache, 2.40 GHz, 4.80 GT/s Intel QPI)	3x2GB DDR3-1066 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
TS	✓	4105J6G	SNCJ6xx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3550 (8M Cache, 3.06 GHz, 4.80 GT/s Intel QPI)	3x2GB DDR3-1066 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
TS	✓	4105J8G	SNCJ8xx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3550 (8M Cache, 3.06 GHz, 4.80 GT/s Intel QPI)	3x1GB DDR3-1333 UDIMM ECC	250GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
new TS	✓	41051AG	SNC1Ax	Tower	3/3 OnSite	Intel X58	Intel Xeon W3505 (4M Cache, 2.53 GHz, 4.80 GT/s Intel QPI)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
new TS	✓	41051CG	SNC1Cxx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3550 (8M Cache, 3.06 GHz, 4.80 GT/s Intel QPI)	2x2GB DDR3-1333 UDIMM ECC	300GB SAS (15K rpm)	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
new TS	✓	4105O4G	SNC04xx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3550 (8M Cache, 3.06 GHz, 4.80 GT/s Intel QPI)	3x2GB DDR3-1333 UDIMM	500GB 7200rpm 3.5" SATA	DVD+-RW	Nvidia Quadro 2000	Eth Giga	625 Watt Fixed
new TS	✓	4105D2G	SNC02xx	Tower	3/3 OnSite	Intel X58	Intel Xeon W3565 (8M Cache, 3.20 GHz, 4.80 GT/s Intel QPI)	3x2GB DDR3-1066 UDIMM	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Eth Giga	625 Watt Fixed
<b>Selected ThinkStation S20 Accessories &amp; Upgrades **</b>													
2GB PC3-8500 1066Mhz DDR3 ECC UDIMM Memory													51J0504
Lenovo Blu-ray Burner (SATA)													45K1675
NVIDIA® 256MB Quadro® FX 380 Graphics Adapter													45K1670
Kensington Twin Head Cable Lock from Lenovo													45K1620
Lenovo Ultrasm Wireless Keyboard & Mouse													57Y47xx
Business Black Enhanced Performance Wireless Keyboard and Optical Mouse													73P4xxx
Lenovo USB 2.0 Portable 320 GB Hard Drive													45K1689
Lenovo USB Smartcard Keyboard													51J01xx
Lenovo USB 2.0 Ultra Secure Memory Key - 4GB													45J5917

TS = TopSeller

\* Listed Accessories may not work with all models - Check the ThinkStation Accessories & Upgrades for compatibility details.

ThinkStation™ D20 Series Model Comparison

Genuine Windows® 7 Professional 64												
	MTM	Part No	Form Factor	Warranty	Chipset	Processor	Memory	HDD 1	Opticals	Graphics	Ethernet	Power Supply
ThinkStation D20												
TS	✓	41559 8G	SNF98 xx	Tower	3/3 OnSite	Intel 5520	Intel Xeon Processor E5640 (12M Cache, 2.66 GHz, 5.86GT/sec FSB)	3x2GB DDR3-1333 UDIMM	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Dual Giga Ethernet 1000 Watt
TS	✓	4155D 2G	SNFD2 xx	Tower	3/3 OnSite	Intel 5520	Intel Xeon Processor E5507 (8M Cache, 2.26 GHz, 4.8GT/sec FSB)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Dual Giga Ethernet 1000 Watt
TS	✓	4155D 4G	SNFD4 xx	Tower	3/3 OnSite	Intel 5520	2 x Intel Xeon Processor E5620 (12M Cache, 2.40 GHz, 5.86GT/sec FSB)	2x2GB DDR3-1333 UDIMM ECC	500GB 7200rpm 3.5" SATA	DVD+-RW	N/A	Dual Giga Ethernet 1000 Watt
Selected ThinkStation D20 Accessories & Upgrades *												
2GB PC3-8500 1066Mhz DDR3 ECC UDIMM Memory												51J0504
Lenovo Blu-ray Burner (SATA)												45K1675
NVIDIA® 256MB Quadro® FX 1800 Graphics Adapter												45K1672
Lenovo Ultralim Wireless Keyboard & Mouse												57Y47xx
Lenovo USB 2.0 Portable 320 GB Hard Drive												45K1689
Lenovo USB Smartcard Keyboard												51J01xx
Lenovo USB 2.0 Ultra Secure Memory Key - 4GB												45J5917

TS = TopSeller

\* Listed Accessories may not work with all models - Check the ThinkStation Accessories & Upgrades for compatibility details.

## Notes

## GENUINE WINDOWS® 7. YOUR PC, SIMPLIFIED.

Lenovo PCs and Genuine Windows 7 are better together. Get the best computing experience possible with faster start-up and connection times plus more entertainment and security features than ever before.



### Why Windows® 7?

- **Easy to use:**

Find what you need and get things done faster with simpler, more streamlined navigation.

- **Easy to connect:**

Share printers and documents with multiple PCs on your home or small business network in a snap.

- **Easy to communicate and share:**

Manage email, engage in IM, video and voice chats and edit/share digital photos like never before with Windows Live™ Mail, Windows Live Messenger, and Windows Live Photo Gallery.

- **Easy to browse the web:**

Browse the web faster and easier with Internet Explorer® 8's new features such as InPrivate, Accelerators, Web Slices, SmartScreen Filter and more.

### Which Windows® 7 is best for your customers?

- **Do they use their PC for entertainment?**

Choose Windows® 7 Home Premium for the best entertainment experience on their Lenovo PC.

- **Do they work from home?**

Choose Windows® 7 Professional over Home Premium. It gives your customers everything they need for work and home.

- **Do they rely on their PC for business?**

Choose Windows® 7 Professional or Ultimate to get the productivity and support various business needs.

- **Do they want the most from Windows® 7?**

Choose Windows® 7 Ultimate over Professional. It's designed for people who want it all.

WINDOWS® 7 FEATURES	HOME PREMIUM	PROFESSIONAL	ULTIMATE
Improved desktop navigation	✓	✓	✓
Launch applications, find documents faster and easier	✓	✓	✓
Enjoy faster, easier and safer web experiences with Internet Explorer® 8	✓	✓	✓
Connect your home PC network to a single printer with HomeGroup	✓	✓	✓
Watch your favourite TV shows for free with Internet TV <sup>1</sup>	✓	✓	✓
Seamlessly run many existing Windows® XP programs		✓	✓
Connect easily to secure company networks with Domain Join™		✓	✓
Recover your data easily with automatic backup to your network(s)		✓	✓
Protect your data against loss or theft with BitLocker™		✓	✓
Location Aware Printing		✓	✓
Windows® Mobility Center <sup>2</sup> (with Presentation Mode)			✓
Switch between any of thirty-five languages			✓

**Notes:** 1. A TV tuner and additional hardware may be required for some Windows® Media Center functionality. Not available in all countries. 2. Additional hardware may be required. Not available in all countries.

For the best computing experience, choose a Lenovo Enhanced Experience for Windows® 7 PC. Learn more at [www.lenovo.com/win7ee](http://www.lenovo.com/win7ee)





## MAKE YOUR PC FASTER, SECURE AND EASIER TO USE.

For the last three years, Lenovo® has been working with Windows® 7 to massively enhance performance and bring you the most optimised hardware and software combination.

This exclusive\* certification — Lenovo Enhanced Experience for Windows® 7 — makes all Lenovo PCs:

### FASTER

Lenovo Enhanced Experience (EE) PCs have optimised system files, processes and hardware settings and achieve up to 57% faster boot time than on non-EE systems and shutdown from as little as five seconds.

### SECURE

From scanning for viruses before Windows® 7 even boots to the wide range of ThinkVantage® Technologies, Lenovo EE Think-branded PCs keep customers' data safe and secure.



### BUILT FOR BUSINESS

Visual and easy to use interface along with fast, simplified, high-performance ThinkVantage Technologies extend and improve Windows® 7 experience on ThinkPad and ThinkCentre® systems:

- Work anywhere — a wide range of connectivity options, all in one place, made easy with Access Connections™. Plus, the latest energy efficiency standards coupled with extended battery life enhance user mobility
- Save money with low cost conferencing options or calls using an advanced camera, microphone and speakers with quick access keys on your PC
- Select Think-branded systems feature

### EASIER

Quickly backup data and perform system maintenance on your Idea-branded PC at the press of a button.

### RICHER

From crystal-clear, high-definition video to 3D gaming and animation, Lenovo PCs particularly Idea-branded products provide full multimedia functionality.

Lenovo Enhanced Experience certified products are available now. You can take the web training TXWA70 — Introduction to Lenovo Enhanced Experience for Windows® 7 at [www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe) to learn more and start spreading the word to your customers.

\*Valid at the time of publication 15.03.2010.

# THINKVANTAGE® TECHNOLOGIES

## PRIMARILY FOR LENOVO THINK FAMILY

### ThinkVantage® Technologies

ThinkVantage Technologies software/hardware solutions are designed with large enterprise and midmarket in mind to help reduce the total cost of owning a PC. They help you to generate new opportunities for high value services and give you real potential to increase your margin by providing you with a competitive edge.

[www.lenovo.com/innovation/europe](http://www.lenovo.com/innovation/europe)

#### MOBILITY



**Access Connection:** Effortlessly switches your connection to match your location, including authentication keys, proxy settings, default printer, browser landing page, and more. Provides a simple user interface for WiFi, WWAN, Bluetooth, Ethernet, and modem connection. You can design custom connectivity profiles for your customers

#### DURABILITY



**Active Protection System™:** Using the same motion sensor used on cars' airbags, it detects sudden changes in motion and temporarily stops the hard drive to help protect valuable data caused by everyday notebook accidents.

#### SECURITY



**Client Security Solution:** hardware/software combination that helps protect vital security information like passwords, encryption keys and electronic credentials, while helping to guard against unauthorized user access. (Selected models: download may be required).

**Secure Data Disposal™:** Makes removing confidential information on a disk drive fast and simple, and makes certain the data is irretrievable

#### SUPPORT



**Rescue and Recovery®:** A complete recovery system to recover from nearly any software fault. Even includes a spare operating system for use when Windows will not boot. Includes Express Recovery, which fixes registry and Windows control file issues. Often fixes system problems in a 2-3 minutes.

**ThinkVantage® button:** invokes Rescue and Recovery if pressed during boot. Launches ThinkVantage Productivity Center if pressed after boot up, a customizable self-help center. You can design custom content for your customers.

**System Migration Assistant™:** Script-driven PC data migration. You can design custom, effortless migration capabilities for your customers.

**ThinkVantage System Update:** Automatically distributes drivers, BIOS updates, and TVT software updates. You can customize software delivery packages for your customers.

Other imaging and central management tools are available as part of the ThinkVantage® Technologies.

Watch the ThinkVantage® Technologies presentation:

[www.lenovo.com/tvttour/europe](http://www.lenovo.com/tvttour/europe)

### BUSINESS ADVANTAGE ESTIMATOR

A web tool designed to help you get a quick glimpse of potential support costs for PCs in your customer's business. In five easy steps you will have a report to identify potential savings which you could recommend to your customer.

[www.lenovo.com/tvtcalc/europe](http://www.lenovo.com/tvtcalc/europe)

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

## OTHER LENOVO SOLUTIONS

### LENOVO VALUE LINE SERIES & IDEA FAMILY

Lenovo Value Line and Idea products are competitively-priced and loaded with unique tools and software for growing businesses, making your customers' life easier every single day. For you this means more business and more profitable opportunities.

[www.lenovo.com/innovation/europe](http://www.lenovo.com/innovation/europe)

#### SUPPORT



**OneKey™ system recovery** : Recover from a virus with the press of a button\*.

\*Some models restore to initial, factory state only.

#### SECURITY



**Veriface™ facial recognition technology**: make your face your password. Its a fun and easy way to log in to your PC.

#### DURABILITY



**Active protection system™**: protects hard disk drive from shocks. Uses an accelerometer to monitor movement of the system and stop the drive to help protect against damage when a fall or similar event is detected. Available on selected IdeaPad laptops.

#### ENTERTAINMENT



**Multimedia center**: a single interface helps you play CDs, DVDs and more. Dolby® Audio - select laptops feature Dolby® Home Theater™ or Dolby® Sound Room™ audio so you can immerse yourself in realistic and vivid theater-style sound.

# THIRD PARTY OPTIONS PORTFOLIO

The Third Party Options portfolio has been created to provide a strategic, OEM product set that enhances the existing ThinkPad®, ThinkCentre, ThinkVision® and ThinkPlus Accessories Brands. It allows us to present a selection of OEM products, enabling our Business Partners and Customers to order from us whilst leveraging the manufacturers direct service and support capabilities.

All Third Party products carry standard service and warranty as supplied directly from the manufacturer of the product.

Please note that we do not provide service and warranty directly on any of the OEM branded products within the Third Party Options Portfolio. For further details, contact the relevant manufacturer directly.

Product Manufacturer	Product Description	Manufacturer Part code	Part No
<b>Security</b>			
Bretford	Notebook Storage Cart - Italy	LAPTG -15TT-GM	22P8650
Bretford	Notebook Storage Cart - Belgium, France	LAPTG -15BB-GM	22P8651
Bretford	Notebook Storage Cart - South Africa	LAPTG -15FF-GM	22P8652
Bretford	Notebook Storage Cart - Ireland, UK	LAPTG -15KK-GM	33L5065
Bretford	Notebook Storage Cart - Switzerland	LAPTG -15WW-GM	33L5066
Bretford	Notebook Storage Cart - Europe	LAPTG -15ZZ-GM	33L5067
Bretford	Notebook Storage Cart - Denmark	LAPTG154EEU/E-GM	41A4130
3M	13.3W Privacy Filter	PF13.3W	51J0321
<b>Convenience</b>			
Ergotron	Neo-Flex Dual LCD Lift Stand - Black	33-330-085	78Y5370
Ergotron	LX Triple Display Lift Stand	33-296-195	45K1803
<b>Expansion</b>			
Brainboxes	1 Port RS232 ExpressCard	VX-001	45K1775
Brainboxes	1 Port RS232 PCMCIA Serial Adapter	PM-020	41A1747
Brainboxes	1 Port RS232 Full Height PCI Serial Card	UC-246	30R5196
Brainboxes	PCI Universal Dual RS232 Serial Card	UC-257	30R5224
Brainboxes	PCI Full Height LPT Parallel Card	UC-146	45J9150
Brainboxes	PCI Express Low Profile 1 Port RS232 Serial Card	PX-235	57Y3476
Brainboxes	PCI Express Full Height 1 Port RS232 Serial Card	PX-246	0A61419
Brainboxes	PCI Low Profile 1 Port RS232 Serial Card	UC-235	0A61318
Brainboxes	PCI Low Profile 1 Port LPT Parallel Card	UC-157	57Y3543
Brainboxes	USB to Serial 1 Port RS232	US-101	78Y2361
Startech	USB to Parallel Interface Converter	ICU SB 1284	30R6883
<b>Carry Cases</b>			
Targus	Targus Getta Ladies Case	TLT029EU	43R9201

## THIRD PARTY OPTIONS PORTFOLIO



### 0A61419 - 1 PCI Express Full Height 1 Port RS232 Serial Card

PCI-E card provides 1 industry standard 9 pin RS232 serial COM port in a single PCI-E slot. Available as Full Height card, and fits in any PCI Express slot e.g., x1, x4, x8 or x16 lanes.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



### 0A61318 - PCI Low Profile 1 Port RS232 Serial Card

Universal PCI card provides 1 industry standard 9 pin RS232 serial COM port in a single PCI slot. Available as a low profile card.

Low Profile is the industry standard small form factor design for PCI. Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots; protecting your investment into the future.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



### 57Y3543 - Low Profile Universal PCI 1 x LPT

Universal PCI card provides 1 industry standard 25 pin parallel port in a single PCI slot. Available as a low profile card. Low Profile is the industry standard small form factor design for PCI Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots; protecting your investment into the future.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



### 30R5196 - Universal 1 Port PCI RS232 serial card

Universal PCI card provides 1 industry standard 9 pin RS232 serial COM port in a single PCI slot.

Available as standard height card and also as a Low Profile card.

Low Profile is the industry standard small form factor design for PCI. Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots; protecting your investment into the future.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



## THIRD PARTY OPTIONS PORTFOLIO



### 30R5224 - Universal Dual RS232 serial card

This Universal PCI card provides 2 industry standard 9 pin RS232 serial COM ports in a single PCI slot.

Available as a standard height card.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*

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### 45J9150 - Universal LPT Parallel PCI Card

Universal PCI card provides 1 industry standard 25 pin parallel port in a single PCI slot. Available as a standard height card. Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots; protecting your investment into the future.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



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### 57Y3476 - PCI-Express Low Profile 1 Port RS232 serial card

Low profile PCI-E card provides 1 industry standard 9 pin RS232 serial COM port in a single PCI-E slot.

Available as Low Profile card.

Low Profile is the industry standard small form factor design fits in any PCI Express slot e.g., x1, x4, x8 or x16 lanes.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*

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### 45K1775 - 1 Port RS232 ExpressCard

ExpressCard providing one RS232 serial port.

Velocity megabaud data transfer rates and the 128 byte deep FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop PC.

Being mobile no longer limits your options. Standard and ruggedised card options to suit your needs.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



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### 41A1747 - 1 Port PCMCIA RS232 laptop card

A PCMCIA type II card providing one RS232 serial port.

Velocity megabaud data transfer rates and the 128 byte deep FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop PC.

Being mobile no longer limits your options.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



## THIRD PARTY OPTIONS PORTFOLIO

### 78Y2361 - USB to Serial 1 Port RS232

USB to Serial is the quick low cost way to connect your computer to a serial comms enabled device. Operating at up to 921.6Kbaud data rates, 128 byte deep transmit and 256 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your Laptop/PC.

*Now with Brainboxes Lifetime Warranty and Lifetime Support!*



### 45K1803 - LX Triple Display Lift Stand

Simultaneously lift and tilt displays for maximum ergonomic comfort. This stand expands desktop computer across three smaller displays or two larger displays.

Works with most LCD monitors with diagonal screen-size up to 53 cm (21").

Stand can be used to hold two widescreen displays of up to 76 cm (30").

Weight Capacity: 10.9-22 kg combined display weight.



### 78Y5370 - Neo-Flex Dual LCD Lift Stand - Black

Affordable, height-adjustable dual-monitor stand for maximum productivity and comfort. 127 mm (5") height adjustment ergonomically accommodates average range of user. Maximum LCD outside width is 56 cm (22").

Install displays at 3.5° or 8.5° upward angle for optimized viewing conditions  
Weight Capacity: 6.4-15.5 kg combined display weight. Note: Monitors must be equal in weight or +/-1 pound (0.45 kg)

## THIRD PARTY-CARRY CASES AND SECURITY SOLUTIONS



### Third Party Carry Cases

#### Targus Getta Ladies Case

Beautiful design which can either be worn on the shoulder or hand carried. Padded notebook section is providing you with maximum safety for your notebook. Storage options include mobile phone and PDA holder. Removable purse for accessories included. It weights only 1 kg.

Suitable for: 15.4" screen Notebook\*

Part Number: 43R9201



### Privacy Filters

#### 51J0321 - 3M 13.3W Privacy Filter

Utilizes 3M's unique microblouver privacy technology, which allows persons directly in front of the computer to view on-screen data clearly, while blocking the view of those around you.

Helps protect the computer screen from scratches and fingerprints.

Compatible with ThinkPad X300 and X301 systems.





# THIRD PARTY OPTIONS PORTFOLIO



SafeGuard Easy full hard disk encryption simply and effectively encrypts your PC's entire hard disk drive so data thieves are unable to read your files. This is especially important as identity theft, privacy control, and regulatory compliance have generated heightened interest in data security. Sophos SafeGuard Easy is the most advanced and most trusted solution worldwide.

SafeGuard PrivateDisk is a personal electronic safe for users who store and frequently use confidential data on notebooks, PCs or removable media. SafeGuard PrivateDisk provides an easy to use virtual disk volume on the computer. The encrypted volume allows transparent encrypted read/write access on any media. The data is safeguarded, at all times, from unauthorized access.

SafeGuard Enterprise is a modular security suite that meets all current and future demands on data security. No matter where information is saved, or who it is being exchanged with, SafeGuard Enterprise secures data on mobile and fixed computing devices, on removable media, servers and in e-mails. The core of the brand new security suite is the central Management Center which for the first time enables companies to simply and effectively implement security guidelines across platforms to meet regulatory compliance requirements.

## Sophos Part Numbers

Product Description	Part Number
<b>SafeGuard Easy with 1 year maintenance (1-100 licenses)</b>	41A2175
1 year additional maintenance (1-100 licenses)	41A2176
2 years additional maintenance (1-100 licenses)	41A2177
<b>SafeGuard PrivateDisk (1 - 100 Licenses)</b>	41A2208
1 year additional maintenance (101-1K licenses)	41A2209
2 years additional maintenance (101-1K licenses)	41A2210
<b>SafeGuard Enterprise Device Encryption (100 - 199 Licenses)</b>	55Y2781
1 year additional maintenance (100 - 199 licenses)	55Y2782

# THIRD PARTY OPTIONS PORTFOLIO



The Lenovo-exclusive LANDesk Management Suite 8 for ThinkVantage® Technologies is a comprehensive, integrated management console optimized for desktop and notebook client management, and integrated with Lenovo's acclaimed ThinkVantage® Technologies to provide best in-class PC lifecycle management capabilities.

## LANDesk Part Numbers

Product Description	Part Number	PMA/Subscription Part Number
<b>MANAGEMENT</b>		
Management Suite (1-4,999)	40Y7937	40Y7939
<b>INVENTORY</b>		
Inventory Manager for ThinkVantage® Technologies	40Y8021	40Y8034
<b>ENTERPRISE</b>		
Enterprise Suite for ThinkVantage® Technologies	40Y8039	40Y8062
<b>SECURITY (REQUIRES PURCHASE OF MANAGEMENT SUITE)</b>		
Security Suite License (one time buy)	40Y7925	-
Security Suite Annual Subscription	40Y7957	-
<b>ASSET MANAGEMENT</b>		
Asset Manager for ThinkVantage® Technologies	40Y7973	40Y7975
<b>HANDHELD MANAGER</b>		
Handheld Manager for ThinkVantage® Technologies	40Y8072	40Y8083
<b>SERVER MANAGER</b>		
Server Manager for ThinkVantage® Technologies	40Y8003	40Y8005

PMA = Professional Maintenance Agreement (annual renewal required)

With the exception of Asset and Server Manager, the products listed above are purchased as one per client.

This highlights just some of the wide set of products in the range to support ease of management.

Special volume pricing can be provided as well as special pricing for government and education sectors. To get more details on products and pricing and to find out how LANDesk for ThinkVantage® can benefit you and your customers contact your local reseller manager.

## THIRD PARTY SOFTWARE OPTIONS PORTFOLIO

### SOFTWARE SOLUTIONS TO MEET YOUR NEEDS

Lenovo's Integrated Software Solutions provide unique value to you. These solutions are designed to enhance and complement the total cost of ownership value proposition delivered by our award-winning ThinkVantage Technologies. With offerings focused on security, usability and management, Lenovo offers integrated software products that help you to manage, protect, and recover the most valuable asset for you – your information.

#### LANDesk Solutions

##### **Lenovo Hardware Password Manager**

Combined with drive encryption for the best data protection available

The Hardware Password Manager (HPM) provides a simplified solution for users to centrally manage the four hardware passwords (hard drive and power on) to protect valuable data on their system.

##### **LANDesk Management Suite for ThinkVantage Technologies**

The Lenovo-exclusive LANDesk Management Suite for ThinkVantage Technologies is a comprehensive, integrated management console optimized for desktop and notebook client management, and integrated with Lenovo's acclaimed ThinkVantage Technologies to provide best-in-class PC lifecycle management capabilities.

- Management of TVTs
- Policy manage & enforcement for TVTs
- Device discovery
- Inventory management
- System migration
- Image deployment
- Software license monitoring

Learn More: [www.landesk.com/lenovo](http://www.landesk.com/lenovo)

#### Sophos Solutions

##### **Sophos Safeware for ThinkVantage Technologies**

The leading global provider of data security solutions partners with Lenovo to offer Sophos Safeware for ThinkVantage Technologies (TVT).

- Full disk encryption & pre-boot authentication
- Advanced security algorithms
- Protect against unauthorized access & manipulation
- Central administration for ease & lower IT costs
- Provides one button recovery with Lenovo's Rescue & Recovery solution

##### **Sophos SafeGuard® Easy**

Secure, feature robust, and user-friendly SafeGuard® Easy is the most robust security tool in the industry, yet is virtually invisible to the end user. Because SafeGuard® Easy encrypts and decrypts on demand, users will never be interrupted.

[www.thinksophos.com](http://www.thinksophos.com)

[www.lenovo.com/partner/europe](http://www.lenovo.com/partner/europe)

## THIRD PARTY SOFTWARE OPTIONS PORTFOLIO

### Computrace® for Intel® Anti-Theft PC Protection

With Computrace® for Intel® Anti-Theft PC Protection, you can manage IT resources remotely.

- Protect encrypted data from unauthorized access
- Secure hardware environments with software-based encryption keys placed in escrow instead of on the hard disk
- Disable the PC locally or remotely
- Restore notebooks to full functionality without compromising local security features

Learn More: <http://www.absolute.com/partners/oem/lenovo>

### ThinkVantage Technologies

Highly manageable tools designed for productivity, security and cost savings.

The opposing pressures of reduced IT budgets running up against cost drivers such as increased complexity and shared infrastructure can give anyone an IT headache.

Now more than ever, it is critical that enterprises start making different choices about underlying client computing infrastructures. Lenovo ThinkVantage Technologies can help.

To learn more about Lenovo ThinkVantage Technologies, visit [www.lenovo.com/thinkvantage](http://www.lenovo.com/thinkvantage) or speak with your Lenovo Representative.

# LENOVO ACCESSORIES & UPGRADES

## Enhance your productivity anywhere, anytime

Personal computers are an investment. One you want to maximise and protect. That's why you should choose Lenovo® as the company to provide your high quality, reliable and affordable accessories. We offer a wide range of accessories and upgrades so that you can build on the strengths of the products you have already purchased.

### Competitive and compatible:










- Attaching Lenovo accessories to Lenovo Value Line Notebooks, ThinkPad®, ThinkCentre® and ThinkStation systems can improve the responsiveness and productivity of your staff. Lenovo offers all Options solutions for ThinkServers.

### Quality and reliability:

- Designed and tested to meet high standards, Lenovo accessories are built with high-grade components using industry-leading technologies

### Warranty, service and support:

- When a Lenovo® accessory is installed in a Lenovo Value Line, ThinkPad® or ThinkCentre® system, it is covered for the longer of the system and accessory warranty
- Reduce down-time - Lenovo service and support is available 24 hours-a-day, 7 days-a-week
- Reduce hassle - just one company to call to put things right for your entire system

Accessories	Product	Categories
<b>Power</b> <ul style="list-style-type: none"><li>• AC/DC adapters</li><li>• Batteries</li><li>• Chargers</li></ul>		<b>Monitors</b> <ul style="list-style-type: none"><li>• Flat Panel LCDs</li><li>• Environmentally friendly</li></ul> 
<b>Miscellaneous</b> <ul style="list-style-type: none"><li>• Carrying cases</li><li>• Memory keys</li><li>• Security</li></ul>		<b>Multimedia</b> <ul style="list-style-type: none"><li>• Audio</li><li>• Graphic adapters</li></ul> 
<b>Expansion</b> <ul style="list-style-type: none"><li>• Docks</li><li>• Mini docks</li><li>• Port replicators</li></ul>		<b>Networking adapters</b> <ul style="list-style-type: none"><li>• Wireless</li></ul> 
<b>Keyboards &amp; mice</b> <ul style="list-style-type: none"><li>• PS/2® attached</li><li>• USB attached</li></ul>		<b>Memory</b> <ul style="list-style-type: none"><li>• Desktop DIMMs</li><li>• Notebook SODIMMs</li><li>• Workstation SODIMMs</li><li>• Server UDIMM, FBDIMM and RDIMMs</li></ul> 
<b>Storage</b> <ul style="list-style-type: none"><li>• Hard disk drives</li><li>• CD/DVD drives</li><li>• Diskette drives</li></ul>		

Need to buy accessories no longer marketed by Lenovo®?

Visit: [www.itxchange.com/lenovo](http://www.itxchange.com/lenovo) for the Options Continuation Program.

## New ThinkVision Monitors



L2251p Wide 22"



L2250p Wide 22"



L2251x p Wide 22"



L1951p Wide 19"



L1711p 17"



L2230x Wide 21.5"



L2021 Wide 20"



L2321x Wide 23"

## Lenovo Consumer Models (Available only through Hi-load orders)



D186 Wide 18.5"



L2461x Wide 23.6" Multi-touch



L2060 Wide 20"

## LENOVO THINKVISION® LCD MONITORS

### Lenovo L2021 WIDE Monitor

#### *An excellent viewing experience*

The Lenovo L2021 Wide monitor provides an excellent viewing experience with 1600 x 900 resolution. The L2021 Wide offers digital visual interface (DVI) connectivity with high-bandwidth digital copy protection (HDCP) to deliver high-definition viewing of protected contents. The widescreen monitor improves efficiency with easy viewing of multiple applications.

The L2021 Wide monitor coordinates with any Lenovo ThinkCentre® system and is the ideal choice to replace the 17 or 19-inch LCD monitor. It matches the Lenovo design and comes in business black.



### ThinkVision 'Duo': Two Monitors in One!

#### ThinkVision L2321x Wide



The ThinkVision L2321x Wide is the ultimate business productivity tool designed for large enterprise users. It can simultaneously display contents from 2 video signal sources on the same screen as if it is '2-monitors-in-1', fully supporting legacy applications resolution requirements. This hardware-based solution gives users the flexibility to control the various screen-split modes without compatibility issues commonly seen in softwarebased solutions. Users can run an application in full-screen mode on one side and still work on other applications in the other side as if it were a second monitor. Users gain productivity boosts from true multi-tasking enabled by this '2-in1' monitor that is more cost, energy and space efficient than 2 conventional monitors. The L2321x Wide meets TCO Edge and EPEAT® Gold standards and also exceeds ENERGY STAR® 5.0 requirements.

### The ThinkVision L2230x Wide

#### *The ultimate notebook companion.*

The Lenovo L2230x Wide monitor is your perfect notebook companion. As the industry's first port replicator monitor, you are able to connect to your peripherals including LAN access with a single USB connection to the monitor. It makes you more mobile and is convenient, as you don't have to waste time plugging your peripherals in and out of your notebook whenever you need to move. Also, the 21.5" Full HD display is easier on your eyes and helps you be more productive. The Lenovo L2230x Wide saves your time and offers you a cleaner desk space, with all the cables/plugs connecting to the monitor not the notebooks. In addition, it is TCO Certified Edge, EPEAT® Gold and Energy Star® 5 certified, which saves your energy costs and the environment.



## LENOVO THINKVISION® LCD MONITORS

### The ThinkVision L2251x Wide

*More productivity at work.*

The ThinkVision L2251x Wide is Lenovo's greenest and most ergonomic monitor ever and the world's first TCO Certified Edge monitor at the cutting edge of environmental responsibility and usability. Pioneering the use of the latest recycling technologies, the L2251x Wide uses 100% recycled basic plastics and 92% recycled plastics in packaging materials, a protective bag that is reusable, in addition to mercury-free, arsenic-free glass and low halogen. It is 29% more efficient than Energy Star® 5.0 standard, has Ambient Light Sensor and Proximity Sensor that further conserves energy, and has an integrated webcam that helps boosts productivity saving traveling time and expense. The L2251x Wide is a perfect choice for environmentally conscious desktop or notebook users seeking an energy efficient monitor and increased productivity.



### New Wide Format



#### ThinkVision L2251p Wide

The ThinkVision L2251p Wide is an environmentally responsible monitor with DisplayPort for easy connection with notebooks and desktops. Pioneering the use of the latest recycling technologies, the L2251p Wide uses 65% recycled plastic content and 60% recycled packaging materials, in addition to arsenic free glass. It is 29% more efficient than today's Energy Star® 5.0 standard, so it is engineered ahead of future standards. The L2251p Wide is an excellent choice for users seeking productivity improvements in a multi-monitoring environment.

### ThinkVision L1951p Wide

L1951p Wide offers a combination of environmental responsibility and ergonomics. The L1951p lowers your power bills with energy efficiency rating 21% better than the latest Energy Star 5.0 standard. Extensive use of 65% recycled plastics and 70% packaging materials as well as arsenic free glass are combined in one of the most environmentally responsible monitors for the workspace. The adjustable stand (lift and tilt) allows for versatility and user comfort. The screen images are brilliant and font reproduction is crisp and clear making it best suited for users seeking improved office application productivity.





# Lenovo ThinkVision® LCD Monitors Model Comparison

	Model Name	Viewable Image Size	Brightness: cd/m2	Contrast Ratio	H / V Viewing Angles	Response Time: msec	Resolution	Analogue Connector	Advanced Connector (1)	Stand (2)	Emissions Compliance	Part Number	Model Type
<b>Flat Panel LCD Essential</b>													
TS	L197 Wide	19" (482mm)	250	1000:1	170 / 160	5	1440x900	15-pin D	DVI-D	Tilt	TCO-05	T44HNxx	4434-EN1
<b>Flat Panel LCD Performance</b>													
TS	L1711p	17" (432mm)	250	1000:1	170 / 170	5	1280x1024	15-pin D	DVI-D	TL	TCO-05	T47HNXX	5047HN2
TS	L1900p	19" (483mm)	250	800:1	160/160	5	1280x1024	15-pin D	DVI-D	LTSP	TCO-05	T43HExx	4431HE1
TS	L1951p Wide	19" (481mm)	250	1000:1	160 / 160	5	1440x900	15-pin D	DVI-D	TL	TCO-05	T48HNXX	2448HN6
TS	L2250p Wide	22" (559mm)	250	1000:1	170/160	5	1680x1050	15-pin D	DVI-D	TL	TCO-05	T72HMXX	2572HM6
TS	L2251p Wide	22" (559mm)	250	1000:1	170/160	5	1680x1050	15-pin D	DP	LTSP	TCO-05	T72HNXX	2572HN6
TS	L2251x Wide	22" (559mm)	250	1000:1	170/160	5	1680x1050	15-pin D	DP	LTSP	TCO-Edge	T78HNXX	2578HN6
TS	L2440p Wide	24" (610mm)	300	1000:1	170 / 160	5	1920x1200	15-pin D	DVI-D	LTSP	TCO-05	T40HBxx	4420-HB2
TS	L2230x Wide	21.5" (546mm)	250	1000:1	170/160	5	1920x1080	15-pin D	USB	Tilt	TCO-Edge	T53HNxx	5453-HN1
TS	L2321x Wide	22" (584mm)	250	1000:1	170/160	5	1920x1080	15-pin D	DP+USB	LTSP	TCO-05	T14HNxx	4014-HN6
New! TS	L2021 Wide	20" (508mm)	250	1000:1	170/160	5	1600x900	15-pin D	DVI-D	Tilt	TCO-05	T49HNxx	4449-HB1
<b>Consumer</b>													
TS	L2461x Wide	23.6"	250	1000:1	160/160	5	1920x1080	VGA+HDI Tilt				T15HNXX	4015HN1
TS	L2060 Wide	20"	250	1000:1	160/160	5	1600x900	15-pin D	DVI-D	Tilt		T20HNXX	2120HN1
TS	D186 Wide	18.5" Wide	200	600:1	90/50	5	1366x768	analog	Tilt			T80ANXX	2580AN1

\* Consumer models are available fonly through Hi-load orders

## Selected Accessories & Upgrades

ThinkVision USB Soundbar	Compatible with L151, L151p, L171, L171p, L172, L174, L1900, L190x, L191, L192p, L193p, L194 wide, L197 wide, L201p, L200pw, L220x, L2230x and L2321x wide model Flat Panel Monitors.	40Y7616
ThinkVision Soundbar	Compatible with L1900p, L2440p, L2440x, L1711p, L1951p, L2250p, L2251p and L2251x model Flat Panel Monitors.	45K12xx
Lenovo Vertical PC and Monitor Stand II	For 4.9L ( 0 slots x 2 Bays ) compatible with Eco USFF M58 and M58p	41R4474
Radial Arm	For all LCD Monitors	19K4464

TS = TopSeller

(1) DVI-D = DVI connector with digital input. DVI-I = DVI connector with analogue and digital input;

(2) TS = Tilt, Swivel. LTSP = Lift, Tilt, Swivel, Pivot

**Ensure continuous productivity of your Lenovo visuals with ThinkPlus Services.**  
**Please find ThinkVision compatible service offerings under Lenovo Services Portfolio.**

## LENOVO THINKPAD® CARRY CASES

### Transport your Notebook in style

The ThinkPad® carry case range includes a variety of different styles with the storage and features needed to create convenient and efficient 'mobile offices'.

Protecting ThinkPad notebooks in padded compartments to help guard against bumps during travel, the cases complement the look and feel of ThinkPad notebooks on the outside, and deliver clever functionality and convenience on the inside.

*All Lenovo® Carry Cases come with Limited Lifetime Warranty*

#### Which Carry Case is right for you?

**ThinkPad Business Roller Case** - For professionals on the move, this can handle narrow hallways and aircraft aisles, SafePort® Air Cushion System. Double bar telescopic roller-handle assembly which fits neatly into the back of the product.

**Suitable For:** ThinkPad R, T, X Series notebooks (Up to 15.4")\*

**Part Number:** 51J0949



**ThinkPad X200 Tablet Sleeve**- Designed for the ThinkPad X200 Tablet notebook. The glove-like fit of the sleeve case, secured by a removable bolster, protects the tablet from scratches and the elements as you work and play.

**Suitable For:** ThinkPad X200 Tablet/ X201 Tablet \*

**Part Number:** 43R9115

**ThinkPad Basic Case** - Perfect for customers wanting basic features at a value price. It features padded shoulder strap, easy access pocket and lockable zipper pulls for foam padded PC compartment.

**Suitable For:** All ThinkPad notebooks (Up to 15.6")

**Part Number:** 43R9113



**ThinkPad Business Backpack** - Perfect for customers wanting a features-rich backpack for day-to-day or travel use. It features padded, mesh shoulder straps, security pocket and luggage handle attachment. It offers SafePORT PC protection for extra security.

**Suitable For:** All ThinkPad notebooks (Up to 15.6")\*

**Part Number:** 43R2482

*\* Check the ThinkPad Accessories and Upgrades section for full compatibility details*

## LENOVO THINKPAD® CARRY CASES

**ThinkPad Executive Leather Case** - Perfect for customers wanting a leather case at a reasonable price. Features leather construction, spacious filing and storage compartment, and comfortable gel shoulder strap. It offers SafePORT PC protection for extra notebook security.



**Suitable For:** All ThinkPad notebooks (Up to 15.6")  
**Part Number:** 43R2480



**Leather Attache** - Classic leather styling for the discerning executive or professional. It features dark-blue, suede leather interior and rear exterior zipper pocket.

**Suitable For:** All ThinkPad notebooks up to 15.6" Wide  
**Part Number:** 45J7916

**ThinkPad Business Topload Case** - Perfect for customers wanting an entry level case with executive styling. It is made by lightweight nylon. Features SafePORT PC protection, soft - lined PC compartment, comfort carrying handles and airline ticket passport holder.



**Suitable For:** Some ThinkPad notebooks (Up to 15.6")  
**Part Number:** 43R2476  
**Suitable For:** ThinkPad W700 and W710  
**Part Number:** 43R9117



**ThinkPad Ultraportable Case** - Perfect for customers concerned with mobility, comfort and lightweight. Features SafePORT PC protection, soft - lined PC compartment and accessory pocket. It offers lightweight nylon construction and comfortable gel shoulder strap.

**Suitable For:** ThinkPad up to 13.3" Wide  
**Part Number:** 41U5062

**ThinkPad Deluxe Expander** - Perfect for customers that are road warriors and heavy case users. Features nylon construction, comfortable gel shoulder, expandable compartment for ultimate file and storage use. Also offers advanced workstation: SafePORT PC protection, Soft - lined PC compartment and soft - lined accessory pocket.



**Suitable For:** All ThinkPad notebooks (Up to 15.6")  
**Part Number:** 43R2478

## LENOVO THINKPAD® CARRY CASES



**ThinkPad Essential Backpack** - Protects your ThinkPad laptop computer while offering the features you need to meet a variety of uses. It stylishly complements the classic ThinkPad styling.

**Suitable For:** Fits notebooks up to 15.6" Wide  
**Part Number:** 57Y4307

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**ThinkPad Slim Essential Backpack** - Protects your ThinkPad laptop computer while offering the features you need to meet a variety of uses. It stylishly complements the classic ThinkPad styling.

**Suitable For:** Fits notebooks up to 15.6" Wide  
**Part Number:** 57Y4308



**ThinkPad Essential Topload Case** - Protects your ThinkPad laptop computer while offering the features you need to meet a variety of uses. Workstation area includes multiple accessory pockets and pen loops.

**Suitable For:** Fits notebooks up to 15.6" Wide  
**Part Number:** 57Y4309

*\* Check the ThinkPad Accessories and Upgrades section for full compatibility details*

## LENOVO IDEAPAD™ CARRY CASES

**IdeaPad™ S9e/S10e Case Sleeve** - Designed to fit and complement your IdeaPad™ notebook, this sleeve protects your notebook from being scratched. You can use the sleeve inside another carrying case or on its own.



**Suitable For:** Notebook up to 11" Wide  
**Part Number:** 45K1609



**IdeaPad 12W Carrying Case (Black)** - Stylish functionality for travel to the classroom or office. Lightweight nylon construction with padded shoulder strap.

**Suitable For:** IdeaPad notebooks up to 12" Wide  
**Part Number:** 55Y9267

**IdeaPad 16" Toploader T360** - Super durable and lightweight, Twistec polyester, abrasion and water resistant. Multiple pockets for exceptional organization. Trolley strap for easy attachment to rolling travel cases. Wrapped nylon handles, padded shoulder strap.



**Suitable For:** IdeaPad notebooks up to 16" Wide  
**Part Number:** 55Y2100



**IdeaPad 15" Messenger Case M150** - Super durable and lightweight, high-grade fabric, frosted lining, padded, abrasion and water resistant. Simple and ergonomic design. Multiple pockets for exceptional organization.

**Suitable For:** IdeaPad notebooks up to 15" Wide  
**Part Number:** 55Y9380 (Black); 55Y9381 (White)

**IdeaPad 15" Backpack B450** - Features contoured straps with extra padding for comfort and internal back support.

**Suitable For:** Notebooks up to 15" standard  
**Part Number:** 55Y2034 (Pink); 55Y2035 (Blue)



**IdeaPad T150 Topload (Green Point)** - High quality, water-resistant, herringbone lining. Features double shock-proof structure notebook protection.

**Suitable For:** Notebooks up to 15" standard  
**Part Number:** 55Y9397

*\* Check the ThinkPad Accessories and Upgrades section for full compatibility details*

# LENOVO RETAIL PACKAGING

Lenovo is introducing retail packaging to improve the sales experience for Business Partners in Europe that offer Think, Lenovo, and Idea products in retail. The new packaging is consistent with our branding and eye-catching, a great improvement over brown box packaging.



NEW RETAIL PACKAGING

Order the attractive retail packages for your business today.  
Please contact your Local Lenovo Business Partner or Representative for more information.



Retail Pack Part No.	Product
<b>Power</b>	
57Y4542	Lenovo 90W Ultrastim AC/DC Combo Adapter EU
57Y4543	Lenovo 90W Ultrastim AC/DC Combo Adapter UK
<b>Desktop Expansion</b>	
45K1736	ThinkPad X200 UltraBase
<b>Storage</b>	
45K1739	Lenovo USB Portable 320GB HDD
43N3236	ThinkPad USB Secure Hard Drive - 160GB
<b>Mice</b>	
45K1914	Lenovo Bluetooth Mouse
45J7973	Optical 3-Button Travel Wheel Mouse

## LENOVO THINKPAD® DOCKING SOLUTIONS

### Improve your productivity by extending your notebook capabilities

With their convenient cable management and simple connection/disconnection of your ThinkPad®, Lenovo ThinkPad Docking Solutions give you a wealth of expansion possibilities both in the office and on the road.

All these docks and port replicators allow easy connection to, and disconnection from, standard peripheral devices. Unless noted below, they all feature serial, parallel, PS/2® keyboard/mouse, monitor, RJ-11 (Modem) and RJ-45 (Gigabit Ethernet) ports.

### Which Docking Solution is right for you?

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**ThinkPad USB Port Replicator with Digital Video-** 5 USB 2.0 ports (one forward-facing and four rear-facing), VGA monitor port and output, LED on front, USB-to-Ethernet (10/100) dongle-connects to add Internet/LAN, stereo headphone-out jack for speakers and headphones, microphone in jack.

**Suitable For:** ThinkPad Edge 13, Edge 14, Edge 15, L410, L412, L510, L512, R400, R500, SL300, SL400, SL410, SL500, SL510, T400, T410, T400s, T410s, T500, T510, W500, W510, W700, W700ds, W701, X200, X200s, X200 Tablet, X201, X201s, X201 Tablet, X300, X301 \*

**Part Number:** 45K161x

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**ThinkPad X200 UltraBase™** - Four USB ports, Ultrabay™ Slim bay (SATA), key lock, cable lock slot and microphone in, headphone out, stereo speakers. Uses the ThinkPad's AC power adapter. VGA (analog) and Display Port monitor port

**Suitable For:** ThinkPad X200/201, X200s/201s and X200/201 Tablet \*

**Part Number:** 43R8781

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**ThinkPad W700 Mini Dock 2.0** - 4 USB 2.0 ports ; microphone in and headphone out audio ports; Dual-Link DVI-D (digital), VGA (analog) and DisplayPort video ports; RJ-45 Ethernet communications port; eSATA and S/PDIF; cable lock slot and key lock security; does not include AC adapter, works with 170W AC adapter

**Suitable For:** ThinkPad W700/W700ds and W701/701ds \*

**Part Number:** 57Y4345

## LENOVO THINKPAD® DOCKING SOLUTIONS



**ThinkPad Port Replicator Series 3** - Four USB ports, VGA monitor, key lock, cable lock slot and Ethernet (RJ-45), no power adapter.

**Suitable For:** ThinkPad T400s, T410, T410s, T510, L412, L512 \*

**Part Number:** 433610W

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**ThinkPad Mini Dock Series 3** - Six USB 2.0 ports ; microphone in and headphone out audio ports; Dual-Link DVI-D (digital), VGA (analog) and DisplayPort video ports; RJ-45 Ethernet communications port; cable lock slot and key lock security; Includes 90W AC Adapter

**Suitable For:** ThinkPad T400s, T410, T410s, T510, L412, L512 \*

**Part Number:** 45N66xx

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**ThinkPad Mini Dock Plus Series 3** - Six USB ports, Dual DisplayPort monitor and Dual DVI-D monitor, VGA monitor, microphone in and headphone out audio ports, RJ-45 Ethernet communications port, e-SATA, cable lock slot and key lock security. Includes 90W AC Adapter

**Suitable For:** ThinkPad T400s, T410, T410s, T510, L412, L512 \*

**Part Number:** 45N669x

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**ThinkPad Mini Dock Plus Series 3 for Mobile Workstations** - Six USB ports, Dual DisplayPort monitor and Dual DVI-D monitor, VGA monitor, microphone in and headphone out audio ports, RJ-45 Ethernet communications port, e-SATA, cable lock slot and key lock security. Includes 90W AC Adapter

**Suitable For:** ThinkPad Optimized for ThinkPad W510 \*

**Part Number:** 45M10xx

[www.lenovo.com/support/docks](http://www.lenovo.com/support/docks)

\* Check the *ThinkPad Accessories and Upgrades* section for full compatibility details









# LENOVO GRAPHIC ADAPTERS

## What are the benefits of a Graphic Adapter?

- It helps users make the most of Windows Vista - the first Windows OS that can harness the power of an available graphics processor to give a premium 3D user experience via the Windows Vista Aero interface.
- It can improve productivity by enabling connection of multiple monitors to the same PC. More data can be viewed across screens and faster access to multiple open windows is possible.
- It allows the system processor to concentrate on non-graphic tasks, making applications run faster.
- A TV-Out feature permits, for example, video to be edited at a user's PC with the resulting out put being viewed on a TV.
- It enables connectivity to high-definition monitors, projectors and TVs.
- Improved display performance through better colour fidelity and smoother video playback make a graphic adapter the answer for users working on graphic-intensive tasks, such as desk top publishing, animation, video editing and image processing, as well as scientific, mapping and engineering (eg. CAD/CAM) applications.

## Which Graphic Adapter is right for your desktop system?

Increasing Performance	DVI-D Connection Adapter*	NVIDIA Quadro NVS290	NVIDIA Quadro NVS295	NVIDIA GeForce 310	NVIDIA GeForce 310	NVIDIA Quadro FX380 Low Profile
						
Part Number	43R1985	43R1765	45K1669	57Y4397	57Y4167	57Y4396
Adapter Form Factor	PCI-Express x16, Low Profile	PCI-Express x16, Low Profile	PCI-Express x16	PCI-Express x16, Low Profile	PCI-Express x16, Low Profile	PCI-Express x16, Low Profile
Installed Bracket	Full Height	Full Height	Full Height	Full Height	Full Height	Low Profile
Low Profile Bracket Supplied	Yes	Yes	No	Yes	Yes	Yes
System Form Factors Supported	USFF*, SFF, Desktop, Tower	SFF, Desktop, Tower, ThinkStation	Tower, ThinkStation	M90 Tower, SFF	M58, M90, A58 Tower SFF	SFF
Video Memory & Interface	-	256MB DDR2 64-bit	256MB DDR3 64-bit	512MB DDR3 64-bit	512MB DDR3 64-bit	512MB DDR3 64-bit
Monitor Ports	1xDVI-D	1xDMS-59	Dual Display-Port	VGA+ DisplayPort	1xDMS-59	1xDVI+ 1x DVI
Dongle/s Supplied	-	Dual-DVI & Dual-VGA	-	-	DMS-59 → 2xVGA, DMS-59 → 2xDVI	DVI→VGA
Display Output	1xDVI	2xVGA or 2xDVI	2xDisplay Port	1xVGA and 1x DisplayPort	2xVGA or 2xDVI	1xDVI and 1x DisplayPort
Maximum Display Resolution	Depends on system chipset	2048x1536	2560x1600	2560 x 1600	1920 x 1200	2560 x 1600
Dual Independent Displays	Only on systems with Intel 829G chipset	Yes	Yes	Yes	Yes	Yes
TV-Out Port	-	-	-	-	-	-
Maximum TV-Out Resolution	-	-	-	-	-	-
ATI AVIVOTM Colour Technology	-	-	-	-	-	-

\* The DVI-I Video Connection Adapter is not a proper graphic adapter, since it uses the on-board (integrated) video subsystem. However, it is the simplest way to support a second monitor on desktop systems.

\* USFF is not customer installable

## Lenovo ThinkPad® Accessories and Upgrades

Description	4400	4401	4402	4403	4404	4405	4406	4407	4408	4409	4410	4411	4412	4413	4414	4415	4416	4417	4418	4419	4420	4421	4422	4423	4424	4425	4426	4427	4428	4429	4430	4431	4432	4433	4434	4435	4436	4437	4438	4439	4440	4441	4442	4443	4444	4445	4446	4447	4448	4449	4450	4451	4452	4453	4454	4455	4456	4457	4458	4459	4460	4461	4462	4463	4464	4465	4466	4467	4468	4469	4470	4471	4472	4473	4474	4475	4476	4477	4478	4479	4480	4481	4482	4483	4484	4485	4486	4487	4488	4489	4490	4491	4492	4493	4494	4495	4496	4497	4498	4499	4500	4501	4502	4503	4504	4505	4506	4507	4508	4509	4510	4511	4512	4513	4514	4515	4516	4517	4518	4519	4520	4521	4522	4523	4524	4525	4526	4527	4528	4529	4530	4531	4532	4533	4534	4535	4536	4537	4538	4539	4540	4541	4542	4543	4544	4545	4546	4547	4548	4549	4550	4551	4552	4553	4554	4555	4556	4557	4558	4559	4560	4561	4562	4563	4564	4565	4566	4567	4568	4569	4570	4571	4572	4573	4574	4575	4576	4577	4578	4579	4580	4581	4582	4583	4584	4585	4586	4587	4588	4589	4590	4591	4592	4593	4594	4595	4596	4597	4598	4599	4600	4601	4602	4603	4604	4605	4606	4607	4608	4609	4610	4611	4612	4613	4614	4615	4616	4617	4618	4619	4620	4621	4622	4623	4624	4625	4626	4627	4628	4629	4630	4631	4632	4633	4634	4635	4636	4637	4638	4639	4640	4641	4642	4643	4644	4645	4646	4647	4648	4649	4650	4651	4652	4653	4654	4655	4656	4657	4658	4659	4660	4661	4662	4663	4664	4665	4666	4667	4668	4669	4670	4671	4672	4673	4674	4675	4676	4677	4678	4679	4680	4681	4682	4683	4684	4685	4686	4687	4688	4689	4690	4691	4692	4693	4694	4695	4696	4697	4698	4699	4700	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712	4713	4714	4715	4716	4717	4718	4719	4720	4721	4722	4723	4724	4725	4726	4727	4728	4729	4730	4731	4732	4733	4734	4735	4736	4737	4738	4739	4740	4741	4742	4743	4744	4745	4746	4747	4748	4749	4750	4751	4752	4753	4754	4755	4756	4757	4758	4759	4760	4761	4762	4763	4764	4765	4766	4767	4768	4769	4770	4771	4772	4773	4774	4775	4776	4777	4778	4779	4780	4781	4782	4783	4784	4785	4786	4787	4788	4789	4790	4791	4792	4793	4794	4795	4796	4797	4798	4799	4800	4801	4802	4803	4804	4805	4806	4807	4808	4809	4810	4811	4812	4813	4814	4815	4816	4817	4818	4819	4820	4821	4822	4823	4824	4825	4826	4827	4828	4829	4830	4831	4832	4833	4834	4835	4836	4837	4838	4839	4840	4841	4842	4843	4844	4845	4846	4847	4848	4849	4850	4851	4852	4853	4854	4855	4856	4857	4858	4859	4860	4861	4862	4863	4864	4865	4866	4867	4868	4869	4870	4871	4872	4873	4874	4875	4876	4877	4878	4879	4880	4881	4882	4883	4884	4885	4886	4887	4888	4889	4890	4891	4892	4893	4894	4895	4896	4897	4898	4899	4900	4901	4902	4903	4904	4905	4906	4907	4908	4909	4910	4911	4912	4913	4914	4915	4916	4917	4918	4919	4920	4921	4922	4923	4924	4925	4926	4927	4928	4929	4930	4931	4932	4933	4934	4935	4936	4937	4938	4939	4940	4941	4942	4943	4944	4945	4946	4947	4948	4949	4950	4951	4952	4953	4954	4955	4956	4957	4958	4959	4960	4961	4962	4963	4964	4965	4966	4967	4968	4969	4970	4971	4972	4973	4974	4975	4976	4977	4978	4979	4980	4981	4982	4983	4984	4985	4986	4987	4988	4989	4990	4991	4992	4993	4994	4995	4996	4997	4998	4999	5000
Audio & Video																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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## Lenovo ThinkPad® Accessories and Upgrades

Description	Lenovo ThinkPad T410s 14.1" WxH 1.7kg 15.6" WxH 1.9kg 17.1" WxH 2.1kg 18.5" WxH 2.3kg 19.9" WxH 2.5kg 21.5" WxH 2.7kg 23.1" WxH 2.9kg 24.7" WxH 3.1kg 26.5" WxH 3.3kg 28.3" WxH 3.5kg 30.1" WxH 3.7kg 31.9" WxH 3.9kg 33.7" WxH 4.1kg 35.5" WxH 4.3kg 37.3" WxH 4.5kg 39.1" WxH 4.7kg 40.9" WxH 4.9kg 42.7" WxH 5.1kg 44.5" WxH 5.3kg 46.3" WxH 5.5kg 48.1" WxH 5.7kg 49.9" WxH 5.9kg 51.7" WxH 6.1kg 53.5" WxH 6.3kg 55.3" WxH 6.5kg 57.1" WxH 6.7kg 58.9" WxH 6.9kg 60.7" WxH 7.1kg 62.5" WxH 7.3kg 64.3" WxH 7.5kg 66.1" WxH 7.7kg 67.9" WxH 7.9kg 69.7" WxH 8.1kg 71.5" WxH 8.3kg 73.3" WxH 8.5kg 75.1" WxH 8.7kg 76.9" WxH 8.9kg 78.7" WxH 9.1kg 80.5" WxH 9.3kg 82.3" WxH 9.5kg 84.1" WxH 9.7kg 85.9" WxH 9.9kg 87.7" WxH 10.1kg 89.5" WxH 10.3kg 91.3" WxH 10.5kg 93.1" WxH 10.7kg 94.9" WxH 10.9kg 96.7" WxH 11.1kg 98.5" WxH 11.3kg 100.3" WxH 11.5kg 102.1" WxH 11.7kg 103.9" WxH 11.9kg 105.7" WxH 12.1kg 107.5" WxH 12.3kg 109.3" WxH 12.5kg 111.1" WxH 12.7kg 112.9" WxH 12.9kg 114.7" WxH 13.1kg 116.5" WxH 13.3kg 118.3" WxH 13.5kg 120.1" WxH 13.7kg 121.9" WxH 13.9kg 123.7" WxH 14.1kg 125.5" WxH 14.3kg 127.3" WxH 14.5kg 129.1" WxH 14.7kg 130.9" WxH 14.9kg 132.7" WxH 15.1kg 134.5" WxH 15.3kg 136.3" WxH 15.5kg 138.1" WxH 15.7kg 139.9" WxH 15.9kg 141.7" WxH 16.1kg 143.5" WxH 16.3kg 145.3" WxH 16.5kg 147.1" WxH 16.7kg 148.9" WxH 16.9kg 150.7" WxH 17.1kg 152.5" WxH 17.3kg 154.3" WxH 17.5kg 156.1" WxH 17.7kg 157.9" WxH 17.9kg 159.7" WxH 18.1kg 161.5" WxH 18.3kg 163.3" WxH 18.5kg 165.1" WxH 18.7kg 166.9" WxH 18.9kg 168.7" WxH 19.1kg 170.5" WxH 19.3kg 172.3" WxH 19.5kg 174.1" WxH 19.7kg 175.9" WxH 19.9kg 177.7" WxH 20.1kg 179.5" WxH 20.3kg 181.3" WxH 20.5kg 183.1" WxH 20.7kg 184.9" WxH 20.9kg 186.7" WxH 21.1kg 188.5" WxH 21.3kg 190.3" WxH 21.5kg 192.1" WxH 21.7kg 193.9" WxH 21.9kg 195.7" WxH 22.1kg 197.5" WxH 22.3kg 199.3" WxH 22.5kg 201.1" WxH 22.7kg 202.9" WxH 22.9kg 204.7" WxH 23.1kg 206.5" WxH 23.3kg 208.3" WxH 23.5kg 210.1" WxH 23.7kg 211.9" WxH 23.9kg 213.7" WxH 24.1kg 215.5" WxH 24.3kg 217.3" WxH 24.5kg 219.1" WxH 24.7kg 220.9" WxH 24.9kg 222.7" WxH 25.1kg 224.5" WxH 25.3kg 226.3" WxH 25.5kg 228.1" WxH 25.7kg 229.9" WxH 25.9kg 231.7" WxH 26.1kg 233.5" WxH 26.3kg 235.3" WxH 26.5kg 237.1" WxH 26.7kg 238.9" WxH 26.9kg 240.7" WxH 27.1kg 242.5" WxH 27.3kg 244.3" WxH 27.5kg 246.1" WxH 27.7kg 247.9" WxH 27.9kg 249.7" WxH 28.1kg 251.5" WxH 28.3kg 253.3" WxH 28.5kg 255.1" WxH 28.7kg 256.9" WxH 28.9kg 258.7" WxH 29.1kg 260.5" WxH 29.3kg 262.3" WxH 29.5kg 264.1" WxH 29.7kg 265.9" WxH 29.9kg 267.7" WxH 30.1kg 269.5" WxH 30.3kg 271.3" WxH 30.5kg 273.1" WxH 30.7kg 274.9" WxH 30.9kg 276.7" WxH 31.1kg 278.5" WxH 31.3kg 280.3" WxH 31.5kg 282.1" WxH 31.7kg 283.9" WxH 31.9kg 285.7" WxH 32.1kg 287.5" WxH 32.3kg 289.3" WxH 32.5kg 291.1" WxH 32.7kg 292.9" WxH 32.9kg 294.7" WxH 33.1kg 296.5" WxH 33.3kg 298.3" WxH 33.5kg 300.1" WxH 33.7kg 301.9" WxH 33.9kg 303.7" WxH 34.1kg 305.5" WxH 34.3kg 307.3" WxH 34.5kg 309.1" WxH 34.7kg 310.9" WxH 34.9kg 312.7" WxH 35.1kg 314.5" WxH 35.3kg 316.3" WxH 35.5kg 318.1" WxH 35.7kg 319.9" WxH 35.9kg 321.7" WxH 36.1kg 323.5" WxH 36.3kg 325.3" WxH 36.5kg 327.1" WxH 36.7kg 328.9" WxH 36.9kg 330.7" WxH 37.1kg 332.5" WxH 37.3kg 334.3" WxH 37.5kg 336.1" WxH 37.7kg 337.9" WxH 37.9kg 339.7" WxH 38.1kg 341.5" WxH 38.3kg 343.3" WxH 38.5kg 345.1" WxH 38.7kg 346.9" WxH 38.9kg 348.7" WxH 39.1kg 350.5" WxH 39.3kg 352.3" WxH 39.5kg 354.1" WxH 39.7kg 355.9" WxH 39.9kg 357.7" WxH 40.1kg 359.5" WxH 40.3kg 361.3" WxH 40.5kg 363.1" WxH 40.7kg 364.9" WxH 40.9kg 366.7" WxH 41.1kg 368.5" WxH 41.3kg 370.3" WxH 41.5kg 372.1" WxH 41.7kg 373.9" WxH 41.9kg 375.7" WxH 42.1kg 377.5" WxH 42.3kg 379.3" WxH 42.5kg 381.1" WxH 42.7kg 382.9" WxH 42.9kg 384.7" WxH 43.1kg 386.5" WxH 43.3kg 388.3" WxH 43.5kg 390.1" WxH 43.7kg 391.9" WxH 43.9kg 393.7" WxH 44.1kg 395.5" WxH 44.3kg 397.3" WxH 44.5kg 399.1" WxH 44.7kg 400.9" WxH 44.9kg 402.7" WxH 45.1kg 404.5" WxH 45.3kg 406.3" WxH 45.5kg 408.1" WxH 45.7kg 409.9" WxH 45.9kg 411.7" WxH 46.1kg 413.5" WxH 46.3kg 415.3" WxH 46.5kg 417.1" WxH 46.7kg 418.9" WxH 46.9kg 420.7" WxH 47.1kg 422.5" WxH 47.3kg 424.3" WxH 47.5kg 426.1" WxH 47.7kg 42
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## Lenovo ThinkPad® Accessories and Upgrades

Description	Model 14" Widescreen 1710/1711/1712/1713/1714/1715/1716/1717/1718/1719/1720/1721/1722/1723/1724/1725/1726/1727/1728/1729/1730/1731/1732/1733/1734/1735/1736/1737/1738/1739/1740/1741/1742/1743/1744/1745/1746/1747/1748/1749/1750/1751/1752/1753/1754/1755/1756/1757/1758/1759/1760/1761/1762/1763/1764/1765/1766/1767/1768/1769/1770/1771/1772/1773/1774/1775/1776/1777/1778/1779/1780/1781/1782/1783/1784/1785/1786/1787/1788/1789/1790/1791/1792/1793/1794/1795/1796/1797/1798/1799/1800/1801/1802/1803/1804/1805/1806/1807/1808/1809/1810/1811/1812/1813/1814/1815/1816/1817/1818/1819/1820/1821/1822/1823/1824/1825/1826/1827/1828/1829/1830/1831/1832/1833/1834/1835/1836/1837/1838/1839/1840/1841/1842/1843/1844/1845/1846/1847/1848/1849/1850/1851/1852/1853/1854/1855/1856/1857/1858/1859/1860/1861/1862/1863/1864/1865/1866/1867/1868/1869/1870/1871/1872/1873/1874/1875/1876/1877/1878/1879/1880/1881/1882/1883/1884/1885/1886/1887/1888/1889/1890/1891/1892/1893/1894/1895/1896/1897/1898/1899/1900/1901/1902/1903/1904/1905/1906/1907/1908/1909/1910/1911/1912/1913/1914/1915/1916/1917/1918/1919/1920/1921/1922/1923/1924/1925/1926/1927/1928/1929/1930/1931/1932/1933/1934/1935/1936/1937/1938/1939/1940/1941/1942/1943/1944/1945/1946/1947/1948/1949/1950/1951/1952/1953/1954/1955/1956/1957/1958/1959/1960/1961/1962/1963/1964/1965/1966/1967/1968/1969/1970/1971/1972/1973/1974/1975/1976/1977/1978/1979/1980/1981/1982/1983/1984/1985/1986/1987/1988/1989/1990/1991/1992/1993/1994/1995/1996/1997/1998/1999/2000/2001/2002/2003/2004/2005/2006/2007/2008/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/2399/2400/2401/2402/2403/2404/2405/2406/2407/2408/2409/2410/2411/2412/2413/2414/2415/2416/2417/2418/2419/2420/2421/2422/2423/2424/2425/2426/2427/2428/2429/2430/2431/2432/2433/2434/2435/2436/2437/2438/2439/2440/2441/2442/2443/2444/2445/2446/2447/2448/2449/2450/2451/2452/2453/2454/2455/2456/2457/2458/2459/2460/2461/2462/2463/2464/2465/2466/2467/2468/2469/2470/2471/2472/2473/2474/2475/2476/2477/2478/2479/2480/2481/2482/2483/2484/2485/2486/2487/2488/2489/2490/2491/2492/2493/2494/2495/2496/2497/2498/2499/2500/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2521/2522/2523/2524/2525/2526/2527/2528/2529/2530/2531/2532/2533/2534/2535/2536/2537/2538/2539/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/2550/2551/2552/2553/2554/2555/2556/2557/2558/2559/2560/2561/2562/2563/2564/2565/2566/2567/2568/2569/2570/2571/2572/2573/2574/2575/2576/2577/2578/2579/2580/2581/2582/2583/2584/2585/2586/2587/2588/2589/2590/2591/2592/2593/2594/2595/2596/2597/2598/2599/2600/2601/2602/2603/2604/2605/2606/2607/2608/2609/2610/2611/2612/2613/2614/2615/2616/2617/2618/2619/2620/2621/2622/2623/2624/2625/2626/2627/2628/2629/2630/2631/2632/2633/2634/2635/2636/2637/2638/2639/2640/2641/2642/2643/2644/2645/2646/2647/2648/2649/2650/2651/2652/2653/2654/2655/2656/2657/2658/2659/2660/2661/2662/2663/2664/2665/2666/2667/2668/2669/2670/2671/2672/2673/2674/2675/2676/2677/2678/2679/2680/2681/2682/2683/2684/2685/2686/2687/2688/2689/2690/2691/2692/2693/2694/2695/2696/2697/2698/2699/2700/2701/2702/2703/2704/2705/2706/2707/2708/2709/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1. Compatible with models operating integrated graphics should use 90W AC Adapter.
2. Requires the 90W AC Adapter 40Y7659 or the adapter provided with the system.
3. Supports 14 inch maximum models.
4. System may be placed on the ledge, but no port replication or docking support is provided.
5. Support for DVI-D (Digital Video Interface - Digital) function is determined by graphic subsystem on notebook.
6. Uses the system 90W AC adapter, which can be purchased separately.
7. PS/2 function can be obtained through the docking solution's PS/2 connector.
8. The USB ports on this keyboard do not support certain High Speed USB devices like cameras and memory.
9. Requires a bluetooth enabled system or an optional USB Bluetooth Receiver.
10. Requires the use of the Lenovo Security Solution. Lenovo recommends installation of Service Pack 4 for users running Windows 2000.
11. Supports system only. Does not support Series 3 docking stations.
12. Compatible with L171p, L194x, L190x, L193p, L197 wide, L200pw, L220x, L1700, L1900, L1940pw and L2240pw model Flat Panel Monitors.
13. Compatible when using system without docks or port replicators.
14. System may be placed on the bottom plate, but no port replication or docking support is provided. Does support UltraBases for X Series.
15. Requires the 90W AC Adapter 40Y7659 or the adapter provided with the system. Supports X200 Tablet 4 Cell Battery (43R9255) and X60, X61 Tablet 4 Cell Battery (40Y8314) only.
16. Support for models with switchable graphics requires driver version 4.6
17. System must be wireless upgradable. Do NOT model if system is NOT wireless upgradable or already has a card installed as standard.
18. Requires the X200 Ultrabay (43R8781)
19. Series 3 dock eSATA and audio ports are inactive, ThinkPad eSATA and audio ports are active.
20. For 2nd HDD support in the ThinkPad X6 Tablet Ultrabay, the ThinkPad Serial ATA HDD Adapter 40Y8725 is required.
21. Can be used as the primary HDD or with the ThinkPad Serial ATA Hard Drive Ultrabay Slim Adapter 40Y8725 in the Ultrabay or in the ThinkPad Advanced Dock 250410x.
22. May be used as the primary system Hard Disk Drive upgrade.
23. Although this option will function correctly, option 73P3275 will provide a better mechanical fit.
24. System must be wireless-upgradable.
25. Available on select WWAN ready ThinkPad models. For more information, visit: [www.lenovo.com/support/wwanready](http://www.lenovo.com/support/wwanready)
26. Requires Ultrabay 90W AC/DC Adapter.
27. Can be used as the primary HDD or with the ThinkPad Serial ATA Hard Drive Ultrabay Slim Adapter II 43R1980 in the Ultrabay of the system or in the Ultrabay of the X200 Ultrabase 43R8781 or ThinkPad Serial ATA Hard Drive Ultrabay Slim Adapter 40Y8725 in the Ultrabay of the ThinkPad Advanced Dock 250410x.
28. Compatible with L1900, L2440x, L2440x, L1711p, L1951p, L2250p, L2251p and L2251x model Flat Panel Monitors.
29. Requires the use of a bracket that ships with the battery. This battery is not compatible with the ThinkPad X60 Tablet Sleeve 41U1342.
30. Tablet must have Tablet Sleeve 41U1342 or 43R9115 removed in order to fit into the case.
31. For 2nd HDD support in the ThinkPad X6 UltraBase 40Y8116, the ThinkPad Serial Hard Drive Bay Adapter 40Y8725 is required. These drives are also supported as the primary hard drive upgrade for usage in the X60 system.
32. These drives are not compatible with MTs 2533 and 2534. For 2nd HDD support in the ThinkPad X6 UltraBase 40Y8116, the ThinkPad Serial Hard Drive Bay Adapter 40Y8725 is required. These drives are also supported as the primary hard drive upgrade for usage in the X60 system.
34. Compatible with S10 systems only.
35. ThinkVision TFT radial arm supports attachment of LCD monitors that have a 75mm or 100mm VESA mount. This Lenovo L171p, L174, L190x, L191, L192p, L192 wide, L193p, L194 wide, L197 wide, L220x wide, L200pw, L1700p, L1900, L192420, L194240, L19440x and L124 wide monitors.
36. This system is not compatible with any of the docking stations that clip into the monitor stand, however it may be placed on the bottom plate of the monitor stand once the optional pegs are removed.
37. Compatibility varies by machine-type model. For more information, go to: [www.lenovo.com/support/privacyfilters](http://www.lenovo.com/support/privacyfilters)
38. Compatible with selected ThinkPad models. ThinkPad model configurations offering WXGA with NVIDIA Quadro FX 2800M graphics.
39. Compatible, however optimized for ThinkPad W510.
40. Compatible with selected ThinkPad models. ThinkPad model configurations offering 54mm ExpressCard slot.

## Lenovo ThinkCentre® Accessories and Upgrades

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## Lenovo ThinkCentre® Accessories and Upgrades

### Footnotes

2. PC2-6400 and PC2-5300 memory can co-exist on the same system but will operate at the PC2-5300 speed. PC2-6400 is supported on Q965 chipset (not 946GZ or Q963 chipset).
3. PC2-6400 and PC2-5300 memory can co-exist on the same system but will operate at the PC2-5300 speed.
4. PC2-5300 and PC2-4200 memory can co-exist on the same system but will operate at the PC2-4200 speed.
5. Supports attachment of flat panel monitors with a 75mm or 100mm VESA mount. Weighs less than 10.9 kg (24.0 lbs) when desk mounted.
6. Compatible with L151, L151p, L171, L171p, L172, L174, L1700p, L190x, L191, L192p, L193p, L194 Wide, L197 Wide, L1900, L1940 Wide, L1940p Wide, L201p, L220x Wide, L200p Wide, L2240p Wide flat panel monitors
7. Attaching the cable lock to any ThinkCentre form factor not only secures the ThinkCentre to the work area, but it also prevents users from opening the chassis itself.
12. Compatible with L2440p Wide, L2440x Wide, L2251x Wide, L2251p Wide, L2250p Wide, L1951p Wide, L1900p, L1711p, L215p Wide, L215 Wide, D185 Wide flat panel monitors
13. Attaches to ThinkCentre's system DisplayPort or the installed DisplayPort graphics card. For more information, go to: [www.lenovo.com/support/graphiccards](http://www.lenovo.com/support/graphiccards) or [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)
14. "Fn" and "Hotkey" operations vary by system, for operation information go to: [www.lenovo.com/support/keyboards](http://www.lenovo.com/support/keyboards)
15. USB-only attach
16. Attaches to the installed DisplayPort graphics card. For more information, go to: [www.lenovo.com/support/graphiccards](http://www.lenovo.com/support/graphiccards) or [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)
17. ThinkPad In-Ear Headphones has 1.2-meter (3.94-foot) cable length. Best suited when system is in close proximity of the system. For example: Small Form Factor (SFF)-on-desktop environments.

# Lenovo ThinkStation® Accessories and Upgrades

Description	Part Numbers	E20 Tower (42159/201/2)	C20 Tower (4252/34/5)	C20x Tower (4259/17/2)	S20 Tower (42171/65/57)	S10 Tower (4218/155/6)	D10 Tower (422/83)
<b>Additional Workstation Memory</b>							
2GB PC3-8500 1066MHz DDR3 ECC SDRAM UDIMM Workstation Memory	41U5252					x	
2GB PC2-5300 667MHz DDR2 FB-DIMM Memory	43R1772						x
4GB PC2-5300 667MHz DDR2 FB-DIMM Memory	43R1773						x
2GB PC3-8500 (1066 MHz) DDR3 ECC UDIMM Workstation Memory	51J0504			3	4		
1GB PC3-10600 (1333 MHz) DDR3 Non-ECC UDIMM Desktop Memory	57Y4389	6					
2GB PC3-10600 (1333 MHz) DDR3 Non-ECC UDIMM Desktop Memory	57Y4390	6					
1GB PC3-10600 (1333 MHz) DDR3 Non-ECC UDIMM Workstation Memory (25-pack)	57Y4419	6					
2GB PC3-10600 (1333 MHz) DDR3 Non-ECC UDIMM Workstation Memory (25-pack)	57Y4420	6					
2GB PC3-10600 (1333 MHz) DDR3 ECC UDIMM Workstation Memory	43R2033	6	4	4	3	4	
4GB PC3-10600 (1333 MHz) DDR3 ECC UDIMM Workstation Memory	57Y4138	6	4	4	3	4	
2GB PC3-10600 DDR3-1333 ECC RDIMM Workstation Memory	57Y4425		5	5	5		
4GB PC3-10600 DDR3-1333 ECC RDIMM Workstation Memory	57Y4426		5	5	5		
8GB PC3-10600 DDR3-1333 ECC RDIMM Workstation Memory	57Y4427		5	5	5		
<b>Additional Storage</b>							
Lenovo 250GB 7200 rpm Serial ATA Hard Drive	41N3015	x	x	x	x	x	8
Lenovo 500GB 7200 rpm Serial ATA Hard Drive	43R1990	x	x	x	x	x	8
Lenovo 1TB 7200 rpm Serial ATA Hard Drive	45J7918	x	x	x	x	x	
Lenovo 300GB 10K rpm Serial ATA Hard Drive	43R2031	x	x	x	x	x	8
ThinkStation 300GB 15K rpm SAS Hard Drive	43R1994			x	16	x	8
ThinkStation 450GB 15K rpm SAS Hard Drive	43N3424			x	16	x	8
Lenovo USB 2.0 Portable 320GB Hard Drive	45K1689	x	x	x	x	x	x
Lenovo USB 2.0 Portable 500GB Hard Drive	45K1690	x	x	x	x	x	x
ThinkPad USB Secure Hard Drive - 160GB	43R2018	x	x	x	x	x	x
ThinkPad USB Secure Hard Drive - 320GB	43R2019	x	x	x	x	x	x
ThinkPad eSATA/USB 500GB Secure Hard Drive	57Y4400	14	14	14	14	14	14
<b>Memory Keys</b>							
Lenovo USB 2.0 Essential Memory Key - 4GB	45J7904	x	x	x	x	x	x
Lenovo USB 2.0 Essential Memory Key - 8GB	45J7905	x	x	x	x	x	x
Lenovo USB 2.0 Essential Memory Key - 32GB	45K1258	x	x	x	x	x	x
Lenovo USB 2.0 Ultra Secure Memory Key - 4GB	57Y4327	x	x	x	x	x	x
Lenovo USB 2.0 Ultra Secure Memory Key - 8GB	57Y4328	x	x	x	x	x	x
<b>Optical Drives / Internal</b>							
Lenovo DVD-ROM Drive (Serial ATA)	41N5618	x	x	x	x	x	x
Lenovo Super Multi-Burner Drive with Lightscribe (Serial ATA)	41N5620	x	x	x	x	x	x
Lenovo Blu-ray Burner	45K1675	x	x	x	x	x	x
<b>Optical Drives / External / USB-Attached</b>							
Lenovo USB Portable DVD Burner	43N3264	x	x	x	x	x	x
<b>Graphics Cards</b>							
NVIDIA Quadro NVS 290 Dual -VGA or Dual DVI-I Graphics Card	43R1765		1	1	1	1	1
NVIDIA Quadro NVS 295 8-core CUDA, 256MB Dual DisplayPort Graphics Card	45K1669	x	1	1	1	1	
NVIDIA Quadro NVS 450 16-core CUDA, 512MB Quad DisplayPort, Single-Link DVI-D Graphics Card	57Y4398	x	1	1	1	1	
NVIDIA Quadro FX 380 16-core CUDA, 256MB Dual DVI-I Graphics Card	45K1670	x	1	1	1	1	1
NVIDIA Quadro FX 580 32-core CUDA, 512MB Dual DisplayPort, DVI-I Graphics Card	45K1671	x	1	1	1	1	1
NVIDIA Quadro FX 1800 64-core CUDA, 768MB Dual DisplayPort, DVI-I Graphics Card	45K1672	x	1	1	1	1	1
NVIDIA Quadro FX 4800 192-core CUDA, 1.5GB Dual DisplayPort, DVI-I, Stereo Graphics Card	45K1674		1	1	1	1	1
NVIDIA Quadro 600 96 CUDA Cores 1GB Dual-Link DVI-I, DisplayPort Graphics Card	0A36183	x	1	1	1	1	
NVIDIA Quadro 2000 192 CUDA Cores 1GB Dual-Link DVI-I, Dual DisplayPort Graphics Card	57Y4479	x	1	1	1	1	
NVIDIA Quadro 4000 256 CUDA Cores 2GB Dual-Link DVI, Dual DisplayPort, Stereo Graphics Card	57Y4480		1	1	1	1	
NVIDIA Quadro 5000 352-core CUDA 2.5GB Dual-Link DVI, Dual DisplayPort, Stereo Graphics Card	57Y4481		1	1	1	1	
NVIDIA SLI Connector	55Y8963		x	x		x	
ATI FirePro V3700, 256MB Dual DVI-I Graphics Card	51J0509	x	1	1	1	1	
ATI FirePro V5700, 512MB Dual DisplayPort, DVI-I Graphics Card	51J0510	x	1	1	1	1	
ATI FirePro V7750, 1GB Dual DisplayPort, DVI-I Graphics Card	51J0511		1	1	1	1	
<b>Monitor Cables</b>							
DisplayPort to Single-Link DVI-D Monitor Cable	45J7915	12	12	12	12	12	12
<b>Headsets &amp; HeadPhones</b>							
ThinkPad In-Ear Headphones (with 1.2-meter cable)	57Y4488	x	x	x	x	x	x
<b>Keyboards &amp; Mice</b>							
Lenovo Ultrasm Wireless Keyboard & Mouse	57Y47xx	x	x	x	x	x	x
ThinkPad USB Keyboard with TrackPoint	55Y90xx	13	13	13	13	13	13
Lenovo Preferred Pro Full-Size PS/2 Keyboard	31P74xx	15	15	15	15	x	x



# Lenovo ThinkStation® Accessories and Upgrades

Description	Part Numbers	E20 Tower (4215/920/12)	C20 Tower (4222/3/4/5)	C20x Tower (4268/9/11/12)	S20 Tower (4217/105/57)	S10 Tower (4218/155/83)	D10 Tower (6427/83)
ThinkPad USB Numeric Keypad	33L3225	x	x	x	x	x	x
Lenovo Enhanced Performance USB Keyboard (age)	73P26xx	x	x	x	x	x	x
Lenovo Fingerprint USB Keyboard	73P47xx	x	x	x	x	x	x
Lenovo Preferred Pro USB Keyboard	73P52xx	x	x	x	x	x	x
Lenovo USB Smartcard Keyboard	51J01xx	x	x	x	x	x	x
Lenovo Optical Mouse	06P4069	x	x	x	x	x	x
Lenovo Scrollpoint Mouse	31P7405	x	x	x	x	x	x
ThinkPad Travel Mouse	31P7410	x	x	x	x	x	x
Lenovo Laser Mouse	41U3074	x	x	x	x	x	x
ThinkPad USB Laser Mouse	57Y4635	x	x	x	x	x	x
<b>Processors</b>							
Intel Xeon E5507 Processor (2.26GHz 800MHz 4MB)	0A36177		9	9	9		
Intel Xeon E5620 Processor (2.40GHz 1066MHz 12MB)	0A36179		9	9	9		
Intel Xeon E5640 Processor (2.66GHz 1066MHz 12MB)	0A36178		9	9	9		
Intel Xeon X5650 Processor (2.66GHz 1333MHz 12MB)	0A36180		9	9	9		
Intel Xeon X5660 Processor (2.80GHz 1333MHz 12MB)	0A36182		9	9	9		
Intel Xeon X5670 Processor (2.93GHz 1333MHz 12MB)	0A36181		9	9	9		
<b>Rack Rail Kits</b>							
ThinkStation D-Series Rail Kit	43R1964				x		x
ThinkStation C-Series, D-Series Rail Kit	57Y4482		x	x	x		x
<b>Monitor Arms</b>							
ThinkCentre Extend Arm	57Y4352	2	2	2	2	2	2
<b>Monitor Speakers</b>							
ThinkVision USB Soundbar	40Y7616	10	10	10	10	10	10
ThinkVision Soundbar with AC Power Adapter	45K12xx	11	11	11	11	11	11
<b>Physical Security</b>							
Kensington MicroSaver Security Cable Lock from Lenovo	73P2582	7	7	7	7	7	7
Kensington Twin Head Cable Lock from Lenovo	45K1620	7	7	7	7	7	7
Lenovo Security Cable Lock	57Y4303	7	7	7	7	7	7
<b>Smart Card Security</b>							
Gemplus GemPC USB Smart Card Reader from Lenovo	41N3040	x	x	x	x	x	x
<b>Footnotes</b>							

1. ThinkStation models offer two PCI-e x16 graphic slots allowing two graphic cards to be installed.
2. Supports attachment of flat panel monitors with a 75mm or 100mm VESA mount. Weighs less than 10.9 kg (24.0 lbs) when desk mounted.
3. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1333 configuration. For more information on memory configuration, operation and limitations, go to: [www.lenovo.com/support/thinkstationaccessories](http://www.lenovo.com/support/thinkstationaccessories)
4. Mixing UDIMM and RDIMM is not allowed. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1333 configuration. For more information on memory configuration, operation and limitations, go to: [www.lenovo.com/support/thinkstationaccessories](http://www.lenovo.com/support/thinkstationaccessories)
5. Mixing UDIMM and RDIMM is not allowed. Memory operating speed is dependent lowest installed speed, processor and the DDR3-1066 configuration. For more information on memory configuration, operation and limitations, go to: [www.lenovo.com/support/thinkstationaccessories](http://www.lenovo.com/support/thinkstationaccessories)
6. Mixing ECC (Error Correcting Code) and non-ECC is not allowed.
7. For ThinkStation S10, D10, S20, D20, attaching the cable lock not only secures the ThinkStation to the work area, but it also prevents users from opening the chassis itself. For ThinkStation C20, C20x, attaching the cable lock only secures the ThinkStation to the work area.
8. Mixing of Serial ATA and SAS Hard Drives is not recommended. Most S10 models are configured with Serial ATA Hard Drives, and most D10 models are configured with SAS Hard Drives.
9. If a 2nd processor is installed, the 2nd processor must match (matched pairs) existing installed Intel Xeon processor.
10. Compatible with L151, L151p, L171, L171p, L172, L174, L1700p, L190x, L191, L192p, L193p, L194 Wide, L197 Wide, L1900, L1940 Wide, L1940p Wide, L201p, L220x Wide, L200p Wide, L2240p Wide flat panel monitors
11. Compatible with L2440p Wide, L2440x Wide, L2251x Wide, L2251p Wide, L2250p Wide, L1951p Wide, L1900p, L1711p, L215p Wide, L215 Wide, D185 Wide flat panel monitors.
12. Attaches to DisplayPort graphics cards. For more information, go to: [www.lenovo.com/support/graphiccards](http://www.lenovo.com/support/graphiccards) or [www.lenovo.com/support/monitoraccessories](http://www.lenovo.com/support/monitoraccessories)
13. "Fn" and "Hotkey" operations vary by system, for operation information go to: [www.lenovo.com/support/keyboards](http://www.lenovo.com/support/keyboards)
14. USB-only attach.
15. Requires the Lenovo-installed, system specific PS2 adapter. For more information, refer to the ThinkStation Hardware Maintenance Manuals.
16. S20, C20 are SATA-based. SAS hard drives require the Lenovo-installed SAS controller adapter on S20.

# Lenovo ThinkServer® 2<sup>nd</sup> Generation Accessories and Upgrades

Description	Lenovo Part Number	T5200v 0981-11x, 12x, 14x, 18x, 19x, 1AX	T5200v 0992-11x	TD230 1021 - 11x, 12x	TD230 1029 - 11x, 12x, 13x	RD240 1045 - 11x, 12x	RD240 1046 - 11x, 12x, 13x, 14x, 15x
<b>Processors</b>							
Intel® Xeon® E5503 processor Option kit for ThinkServer				67Y1448	67Y1448	67Y1466	67Y1466
Intel® Xeon® E5506 processor Option kit for ThinkServer				67Y1449	67Y1449	67Y1467	67Y1467
Intel® Xeon® E5640 processor Option kit for ThinkServer						67Y1471	67Y1471
Intel® Xeon® E5620 processor Option kit for ThinkServer				67Y1457	67Y1457	67Y1475	67Y1475
Intel® Xeon® E5507 processor Option kit for ThinkServer				67Y1458	67Y1458	67Y1476	67Y1476
<b>Additional Memory</b>							
ThinkServer 1GB DDR3-1333Mhz (1Rx8)	67Y1387	•	•				
ThinkServer 2GB DDR3-1333Mhz (2Rx8)	67Y1388	•	•				
ThinkServer 2GB DDR3-1333Mhz (2Rx8) ECC rDIMM	67Y1432			•	•	•	•
ThinkServer 4GB DDR3-1333Mhz (2Rx8)	67Y1389	•	•				
ThinkServer 4GB DDR3-1333Mhz (2Rx4) ECC rDIMM	67Y1433			•	•	•	•
ThinkServer 8GB DDR3-1333Mhz (2Rx4) ECC rDIMM	67Y1464					•	•
<b>Additional Storage</b>							
<b>SATA Drive 3.5"</b>							
ThinkServer 250GB 7.2K 3.5" SATA Hard Drive (DC/HS)	67Y1400	•	•	•	•		
ThinkServer 500GB 7.2K 3.5" SATA Hard Drive (DC/HS)	67Y1401	•	•	•	•		
ThinkServer 1TB 7.2K 3.5" SATA Hard Drive (DC/HS)	67Y1402	•	•	•	•		
ThinkServer 250GB 7.2K 3.5" SATA Hard Drive (HS)	67Y1478					•	•
ThinkServer 500GB 7.2K 3.5" SATA Hard Drive (HS)	67Y1479					•	•
ThinkServer 1TB 7.2K 3.5" SATA Hard Drive (HS)	67Y1480					•	•
<b>SAS Drive 3.5"</b>							
ThinkServer 300GB SAS 15K 6Gbps Hard Drive (HS)	67Y1437			1	1		
ThinkServer 450GB SAS 15K 6Gbps Hard Drive (HS)	67Y1462			1	1		
ThinkServer 300GB SAS 15K 6Gbps Hard Drive (HS)	67Y1481					•	•
ThinkServer 450GB SAS 15K 6Gbps Hard Drive (HS)	67Y1482					•	•
<b>RDX Backup Storage</b>							
Lenovo 160GB Internal USB RDX Bundle	67Y1394	•	•	•	•		
Lenovo 320GB Internal USB RDX Bundle	67Y1396	•	•	•	•		
Lenovo 500GB Internal USB RDX Bundle	67Y1398	•	•	•	•		
Lenovo 160GB RDX Data Cartridge	67Y1395	•	•	•	•		
Lenovo 320GB RDX Data Cartridge	67Y1397	•	•	•	•		
Lenovo 500GB RDX Data Cartridge	67Y1399	•	•	•	•		
<b>Connectivity</b>							
Lenovo PRO/1000 PT Dual Port Ethernet Adapter by Intel	67Y1393	•	•	•	•	•	•
<b>RAID</b>							
ThinkServer TD230 SATA RAID 5 Upgrade	67Y1459			•	•		
ThinkServer 9240-8i SAS/sATA RAID Adapter	67Y1460			•	•		
ThinkServer 8708ELP RAID Controller (256MB)	67Y1494					•	•
ThinkServer 8708ELP RAID Controller Battery	67Y1495					•	•
<b>System Options</b>							
ThinkServer Remote Management Module 3 by Intel®	67Y1461			•	•		
ThinkServer RD240 Redundant Power Supply	67Y1497					•	•
<b>Keyboards &amp; Mice</b>							
Lenovo Preferred Pro Keyboard USB	73P52xx	•	•	•	•	•	•
Lenovo Optical Mouse	06P4069	•	•	•	•	•	•

1. SAS Drives require HW SAS RAID on 1027-11x, 12x and 1029-11x, 12x. 1029-13x includes HW SAS RAID.

## Lenovo ThinkServer® Rack Series Accessories and Upgrades

Description	RS110 64GB-15x, 10x	RS110 64GB-15x	RS110 64GB-14x, 10G	RS110 64GB-15x, 10x, 11x	RS210 64GB-11x, 12x	RS210 64GB-16x	RS210 64GB-11x, 12x, 11x	RS210 64GB-15x, 14x, 15x	RD120 64GB-15x, 13x, 14x	RD120 64GB-16x, 18x, 19x, 21x, 22x, 24x, 26x	RD210 578GB-21x	RD210 578GB-23x, 24x, 27x, 29x, 28x, 25x, 20x	Part Number
<b>Processors</b>													
Intel® Xeon® E5205 processor (1.86GHz/1066MHz 6MB 65W)								✓					45J6180
Intel® Xeon® E5405 processor (2.00GHz/1333MHz FSB 12MB 80w)									1				45J6221
Intel® Xeon® E5410 processor (2.33GHz/1333MHz FSB 12MB 80w)									1				45J6185
Intel® Xeon® E5420 processor (2.50GHz/1333MHz FSB 12MB 80w)									1	2			45K1605
Intel® Xeon® E5430 processor (2.66GHz/1333MHz FSB 12MB 80w)									1				45J6186
Intel® Xeon® E5502 processor (1.86 GHz) Option kit for ThinkServer Racks										✓	1	1	67Y0004
Intel® Xeon® E5504 processor (2.00 GHz) Option kit for ThinkServer Racks											1	1	67Y0007
Intel® Xeon® E5506 processor (2.13 GHz) Option kit for ThinkServer Racks											1	1	67Y0005
Intel® Xeon® E5520 processor (2.26 GHz) Option kit for ThinkServer Racks											1	1	67Y0006
Intel® Xeon® E5540 processor (2.53 GHz) Option kit for ThinkServer Racks											1	1	67Y0096
<b>Additional Memory</b>													
<b>DDR2 Memory</b>													
ThinkServer 1GB PC2-6400 (800MHz) ECC DDR2 SDRAM Memory	✓	✓	✓	✓									45J6188
ThinkServer 2GB PC2-6400 (800MHz) ECC DDR2 SDRAM Memory	✓	✓	✓	✓									45J6189
ThinkServer 1GB PC2-5300 (667MHz) ECC DDR2 FB DIMM Memory								✓	✓	✓			45J6191
ThinkServer 2GB PC2-5300 (667MHz) ECC DDR2 FB DIMM Memory								✓	✓	✓			45J6192
ThinkServer 4GB PC2-5300 (667MHz) ECC DDR2 FB DIMM Memory								✓	✓	✓			45J6193
<b>DDR3 Memory</b>													
ThinkServer 1GB PC3-10600 DDR3 1333 MHz UDIMM					7	7	7	7					67Y0122
ThinkServer 2GB PC3-10600 DDR3 1333 MHz UDIMM					7	7	7	7					67Y0123
ThinkServer 2GB PC3-10600 1Gbit DDR3 1333 MHz RDIMM					7	7	7	7					67Y0124
ThinkServer 4GB PC3-8500 1Gbit DDR3 1066 MHz RDIMM					7	7	7	7					67Y0125
ThinkServer 1GB PC3-10600 DDR3 1333 MHz RDIMM					7	7	7	7			✓	✓	67Y0014
ThinkServer 2GB PC3-10600 DDR3 1333 MHz RDIMM											✓	✓	67Y0015
ThinkServer 4GB PC3-10600 DDR3 1333 MHz RDIMM											✓	✓	67Y0016
<b>Additional Storage</b>													
<b>SATA Drive 3.5"</b>													
ThinkServer 250GB 3.5" Simple-Swap SATA II Drive	✓	✓		✓	✓								45J6196
ThinkServer 500GB 3.5" Simple-Swap SATA II Drive	✓	✓		✓	✓								45J6197
ThinkServer 1TB 3.5" Simple-Swap SATA II Drive				✓	✓								67Y1380
ThinkServer 250GB 3.5" Hot-Swap SATA II Drive			✓			✓		6	6				45J6201
ThinkServer 500GB 3.5" Hot-Swap SATA II Drive			✓			✓		✓	✓				45J6202
ThinkServer 1TB 3.5" Hot-Swap SATA II Drive			✓			✓		✓	✓				45J6204
<b>SAS Drive 3.5"</b>													
ThinkServer 146GB 15K 3.5" Hot-Swap SAS Drive			5			5		5	5				45J6211
ThinkServer 300GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)			5			5		5	5				67Y1384
ThinkServer 450GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)			5			5		5	5				67Y1385
ThinkServer 600GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)			5			5		5	5				67Y1386
<b>SATA Drive 2.5"</b>													
ThinkServer 160GB 7.2K 2.5" SFF HS SATA										✓	✓	✓	67Y0120
ThinkServer 300GB 10K 2.5" SFF HS SATA										✓	✓	✓	67Y0002
ThinkServer 500GB 7.2K 2.5" SFF HS SATA										✓	✓	✓	67Y0121
<b>SAS Drive 2.5"</b>													
ThinkServer 146GB 10K 2.5" Hot-Swap SAS Drive			✓							✓			45J6207
ThinkServer 73GB 15K 2.5" Hot-Swap SAS Drive			✓							✓			45J6208
ThinkServer 73GB 6.0 GB/s 15K 2.5" SAS SFF HS							✓			✓	✓	✓	67Y0115
ThinkServer 146GB 6.0 GB/s 10K 2.5" SAS SFF HS							✓			✓	✓	✓	67Y0116
ThinkServer 146GB 6.0 GB/s 15K 2.5" SAS SFF HS							✓			✓	✓	✓	67Y0117
ThinkServer 300GB 6.0 GB/s 10K 2.5" SAS SFF HS							✓			✓	✓	✓	67Y0118
<b>Keyboards &amp; Mice</b>													
ThinkPad USB Keyboard with TrackPoint	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	55Y90xx
Business Black Preferred Pro USB Keyboard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	73P52xx
Lenovo Optical Mouse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	06P4069
<b>Backup/Tape</b>													
ThinkServer IBM DDS Generation 6 USB Tape Drive	3	3	3	3	3	3	3	3	4	4	4	3	67Y0135
ThinkServer IBM LTO Generation 4 SAS Half High Tape Drive	3	3	3	3	3	3	3	3	3	3	3	3	67Y0136
ThinkServer IBM LTO Generation 3 SAS Half High Tape Drive				3	3	3	3	3	3	3	3	3	67Y0137
ThinkServer IBM RDX160 Internal Bundle Tape Drive								4	4	4			67Y0138
ThinkServer IBM RDX320 Internal Bundle Tape Drive								4	4	4			67Y0139
ThinkServer IBM RDX500 Internal Bundle Tape Drive								4	4	4			67Y0140
ThinkServer IBM RDX & DDS Tape Enablement Kit												✓	67Y0168
ThinkServer IBM DDS Generation 6 5-Pack Media	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y1377

# Lenovo ThinkServer® Rack Series Accessories and Upgrades

Description	RS110 6x36-15x, 16x	RS110 6x36-13x	RS110 6x36-14x, 18G	RS210 6x36-15x, 16x, 17x	RS210 6x36-11x, 12x	RS210 6x36-16x	RS210 6x36-11x, 12x, 17x	RD120 6x36-13x, 14x, 15x	RD120 6x46-12x, 13x, 14x	RD120 6x47-19x, 19x, 21x, 23x, 24x, 26x	RD210 3795-21x	RD210 3795-22x, 23x, 24x, 27x, 29x, 29x, 2Cx, 20x	Part Number
ThinkServer IBM LTO Generation 4 5-Pack Media	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y1378
ThinkServer IBM LTO Generation 3 5-Pack Media	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y1379
ThinkServer IBM RDX 160GB Cartridge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0169
ThinkServer IBM RDX 320GB Cartridge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0170
ThinkServer IBM RDX 500GB Cartridge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0171
<b>Connectivity</b>													
ThinkServer IBM 8Gb FC Single-port HBA by QLogic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0172
ThinkServer IBM 8Gb FC Dual-port HBA by QLogic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0173
ThinkServer IBM 8Gb FC Single-port HBA by Emulex	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0174
ThinkServer IBM 8Gb FC Dual-port HBA by Emulex	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0175
ThinkServer IBM 8Gb FC Single-port HBA by Brocade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0176
ThinkServer IBM 8Gb FC Dual-port HBA by Brocade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0177
ThinkServer IBM NetXtreme II 1000 Dual Port Ethernet Adapter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0178
ThinkServer IBM NetXtreme II 1000 Quad Port Ethernet Adapter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0179
<b>RAID Controllers</b>													
ThinkServer IBM SAS 3Gb HBA Controller v2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	67Y0183
ThinkServer IBM ServeRAID M5015				✓	✓	✓	✓				✓	✓	67Y0184
ThinkServer IBM ServeRAID M5014				✓	✓	✓	✓				✓	✓	67Y0185
ThinkServer IBM ServeRAID M5000 Series Battery Kit				✓	✓	✓	✓				✓	✓	67Y0186
<b>System Components</b>													
ThinkServer IBM Virtual Media Key										✓	✓	✓	67Y0181
ThinkServer IBM Virtual Media Key - Entry Servers				✓	✓	✓	✓						67Y0182
ThinkServer IBM 675W Redundant Power Supply										✓	✓	✓	67Y1370
ThinkServer IBM UltraSlim Enhanced SATA DVD-ROM				✓	✓	✓	✓			✓	✓	✓	67Y1372
ThinkServer IBM UltraSlim Enhanced SATA Multi-Burner				✓	✓	✓	✓			✓	✓	✓	67Y1373
ThinkServer IBM Dual Port 1Gb Ethernet Daughter Card										✓	✓	✓	67Y0180

1. Processor must match the existing processor in Slot 1
2. RD120 6447-22x, 23x, 24x, 25x have both processors slots populated in the base configuration.
3. External Only - connectivity requires enclosures 8765-1UX or 8767-HHX with Tape Enclosure kits: SCSI - 42C3910: SAS/SATA - 40K2599: USB - 44E8869.
4. Internal use requires IBM DDS Tape Enablement Kit. 43V5959
5. Backplane allows configuration of both SAS & SATA HDDs. However, both SAS & SATA HDDs cannot be in the same RAID group.
6. 160GB and 250GB SATA II HDDs are not tested & qualified for these models.
7. Cannot intermix RDIMM and UDIMM memory, however, both RDIMM and UDIMM supported on all models.
8. Internal use requires ThinkServer IBM RD220 Enablement Kit 67Y0168

## Lenovo ThinkServer® Tower Series Accessories and Upgrades

Description	TS100 6432-11x, 10x, 19x	TS100 6434-13x	TS100 6434-14x, 15x, 16x, 17G	TS200 6324-11x	TS200 6325-11x, 15x	TS200 6325 - 12x, 13x, 16x	TS200 6330 - 12x, 13x, 14x, 15x	TS200v 0981-11x, 12x, 13x	TD100 0992-11x	TD100 6398-13x, 14x, 15x	TD100 6428-14x, 15x, 16x, 17x, 18x, 19x	TD200 3809-3A-X	TD200 3809-3B-X	TD200 3817-3G-X	TD200x -382- 47x	TD200x -382- 41x, 42x, 43x	Lenovo Part Number
Processors																	
Intel® Xeon® E5405 processor (2.00GHz/1333MHz FSB 12MB 80w)									✓								45J6221
Intel® Xeon® E5410 processor (2.33GHz/1333MHz FSB 12MB 80w)										1							45J6185
Intel® Xeon® E5430 processor (2.66GHz/1333MHz FSB 12MB 80w)										1							45J6186
Intel® Xeon® E5420 processor (2.50GHz/1333MHz FSB 12MB 80w)										1							45K1605
Intel® Xeon® X5450 processor (3.00GHz/1333MHz FSB 12MB 80w)											✓						45K1608
Intel® Xeon® E5502 processor (1.86 GHz) Option kit for ThinkServer Towers												✓					67Y0008
Intel® Xeon® E5504 processor (2.00 GHz) Option kit for ThinkServer Towers													✓				67Y0009
Intel® Xeon® E5506 processor (2.13 GHz) Option kit for ThinkServer Towers														✓			67Y0010
Intel® Xeon® E5520 processor (2.26 GHz) Option kit for ThinkServer Towers																1	67Y0011
Intel® Xeon® E5530 processor (2.40 GHz) Option kit for ThinkServer Towers																1	67Y0102
Intel® Xeon® E5520 processor (2.53 GHz) Option kit for ThinkServer Towers																1	67Y0103
Additional Memory																	
DDR2 Memory																	
ThinkServer 1GB PC2-6400 (800MHz) ECC DDR2 SDRAM Memory	✓	✓	✓														45J6188
ThinkServer 2GB PC2-6400 (800MHz) ECC DDR2 SDRAM Memory	✓	✓	✓														45J6189
ThinkServer 1GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory									✓	✓	✓						45J6191
ThinkServer 2GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory									✓	✓	✓						45J6192
ThinkServer 4GB PC2-5300 (667MHz) ECC DDR2 FBDIMM Memory									✓	✓	✓						45J6193
DDR3 Memory																	
ThinkServer 1GB PC3-10600 DDR3 1333 MHz UDIMM				3	3	3	3										67Y0122
ThinkServer 2GB PC3-10600 DDR3 1333 MHz UDIMM				3	3	3	3										67Y0123
ThinkServer 2GB PC3-10600 1Gbit DDR3 1333 MHz RDIMM				3	3	3	3										67Y0124
ThinkServer 4GB PC3-8500 1Gbit DDR3 1066 MHz RDIMM				3	3	3	3										67Y0125
ThinkServer 1GB PC3-10600 DDR3 1333 MHz RDIMM				3	3	3	3					✓	✓	✓	✓	✓	67Y0014
ThinkServer 2GB PC3-10600 DDR3 1333 MHz RDIMM												✓	✓	✓	✓	✓	67Y0015
ThinkServer 4GB PC3-10600 DDR3 1333 MHz RDIMM												✓	✓	✓	✓	✓	67Y0016
ThinkServer 1GB DDR3-1333MHz (1R x 8) UDIMM							✓	✓									67Y1387
ThinkServer 2GB DDR3-1333MHz (2R x 8) UDIMM							✓	✓									67Y1388
ThinkServer 4GB DDR3-1333MHz (2R x 8) UDIMM							✓	✓									67Y1389
Additional Storage																	
SATA Drive 3.5"																	
ThinkServer 250GB 3.5" Simple-Swap SATA II Drive	✓	✓		✓	✓							✓					45J6196
ThinkServer 500GB 3.5" Simple-Swap SATA II Drive	✓	✓		✓	✓				✓			✓					45J6197
ThinkServer 1 TB 3.5" Simple-Swap SATA II Drive				✓	✓												67Y1380
ThinkServer 250GB 3.5" Hot-Swap SATA II Drive				2		2	2			2	2		2	2	2		45J6201
ThinkServer 500GB 3.5" Hot-Swap SATA II Drive				2		2	2			2	2		2	2	2		45J6202
ThinkServer 1TB 3.5" Hot-Swap SATA II Drive				2		2	2			2	2		2	2	2		45J6204
ThinkServer 250GB 7.2K Cabled 3.5-inch SATA HDD							✓	✓									67Y1400
ThinkServer 500GB 7.2K Cabled 3.5-inch SATA HDD							✓	✓									67Y1401
ThinkServer 1TB 7.2K Cabled 3.5-inch SATA HDD							✓	✓									67Y1402
SAS Drive 3.5"																	
ThinkServer 146GB 15K 3.5" Hot-Swap SAS Drive				2		2	2			2	2		2	2	2		45J6211
ThinkServer 300GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)				2		2	2			2	2		2	2	2		67Y1384
ThinkServer 450GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)				2		2	2			2	2		2	2	2		67Y1385
ThinkServer 600GB 15K 3.5" Hot-Swap SAS Drive (6Gbps)				2		2	2			2	2		2	2	2		67Y1386
SATA Drive 2.5"																	
ThinkServer 160GB 7.2K 2.5" SFF HS SATA																2	67Y0120
ThinkServer 300GB 10K 2.5" SFF HS SATA																2	67Y0002
ThinkServer 500GB 7.2K 2.5" SFF HS SATA																2	67Y0121
SAS Drive 2.5"																	
ThinkServer 73GB 6.0 GB/s 15K 2.5" SAS SFF HS																2	67Y0115
ThinkServer 146GB 6.0 GB/s 10K 2.5" SAS SFF HS																2	67Y0116
ThinkServer 146GB 6.0 GB/s 15K 2.5" SAS SFF HS																2	67Y0117
ThinkServer 300GB 6.0 GB/s 10K 2.5" SAS SFF HS																2	67Y0118
Tape/Backup																	
Internal Drives																	
Lenovo 160GB Internal RDX Bundle							✓	✓									67Y1394
Lenovo 320GB Internal RDX Bundle							✓	✓									67Y1396
Lenovo 500GB Internal RDX Bundle							✓	✓									67Y1398
Media																	
Lenovo 160GB RDX Cartridge							✓	✓									67Y1395
Lenovo 320GB RDX Cartridge							✓	✓									67Y1397
Lenovo 500GB RDX Cartridge							✓	✓									67Y1399
Connectivity																	
Lenovo PRO 1000 PT Dual Port Ethernet Adapter by Intel																	67Y1393
Keyboards & Mice																	
ThinkPad USB Keyboard with TrackPoint	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	55Y90xx
Business Black Preferred Pro USB Keyboard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	73P52xx
Lenovo Optical Mouse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	06P4069

# Lenovo ThinkServer® Tower Series Accessories and Upgrades

Description	TS100 6432-17x, 18x, 19x	TS100 6434-13x	TS100 6434-14x, 15x, 16x, 17G	TS200 6524-11x	TS200 6525-11x, 15x	TS200 6525-12x, 13x, 16x	TS200 6530-12x, 13x, 14x, 15x	TS200x 0981-11x, 12x, 13x	TS200x 0992-11x	TD100 6388-13x, 14x, 15x	TD100 6428-14x, 15x, 16x, 17x, 18x, 19x	TD200 3809-34x	TD200 3809-38x	TD200 3817-3Gx	TD200x 3822-47x	TD200x 3822-41x, 42x, 43x	Lenovo Part Number
<b>Backup/Tape</b>																	
ThinkServer IBM DDS Generation 6 USB Tape Drive	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	67Y0135
ThinkServer IBM LTO Generation 4 SAS Half High Tape Drive	✓	✓	✓						✓	✓							67Y0136
ThinkServer IBM LTO Generation 3 SAS Half High Tape Drive	✓	✓	✓	✓	✓				✓	✓							67Y0137
ThinkServer IBM RDX160 Internal Bundle Tape Drive	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0138
ThinkServer IBM RDX320 Internal Bundle Tape Drive	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0139
ThinkServer IBM RDX500 Internal Bundle Tape Drive	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0140
ThinkServer IBM DDS Generation 6 5-Pack Media	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y1377
ThinkServer IBM LTO Generation 4 5-Pack Media	✓	✓	✓						✓	✓							67Y1378
ThinkServer IBM LTO Generation 3 5-Pack Media	✓	✓	✓	✓	✓	✓			✓	✓							67Y1379
ThinkServer IBM RDX 160GB Cartridge	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0169
ThinkServer IBM RDX 320GB Cartridge	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0170
ThinkServer IBM RDX 500GB Cartridge	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0171
<b>Connectivity</b>																	
ThinkServer IBM 8Gb FC Single-port HBA by QLogic	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0172
ThinkServer IBM 8Gb FC Dual-port HBA by QLogic	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0173
ThinkServer IBM 8Gb FC Single-port HBA by Emulex	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0174
ThinkServer IBM 8Gb FC Dual-port HBA by Emulex	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0175
ThinkServer IBM 8Gb FC Single-port HBA by Brocade	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0176
ThinkServer IBM 8Gb FC Dual-port HBA by Brocade	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0177
ThinkServer IBM NetXtreme II 1000 Dual Port Ethernet Adapter	✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	✓	67Y0178
ThinkServer IBM NetXtreme II 1000 Quad Port Ethernet Adapter											✓	✓	✓	✓	✓	✓	67Y0179
<b>RAID Controllers</b>																	
ThinkServer IBM SAS 3Gb HBA Controller v2	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	67Y0183
ThinkServer IBM ServeRAID M5015				✓	✓	✓						✓	✓	✓	✓	✓	67Y0184
ThinkServer IBM ServeRAID M5014				✓	✓	✓						✓	✓	✓	✓	✓	67Y0185
ThinkServer IBM ServeRAID M5000 Series Battery Kit				✓	✓	✓						✓	✓	✓	✓	✓	67Y0186
<b>System Components</b>																	
ThinkServer IBM Virtual Media Key - Entry Servers				✓	✓	✓	✓					✓	✓	✓	4	4	67Y0182
ThinkServer IBM 920W Redundant Power and Cooling													✓	✓	✓		67Y1371

1. Processor must match the existing processor in Slot 1
2. Backplane allows mixed configuration of both SAS & SATA HDDs. However, both SAS & SATA HDDs cannot be configured in the same RAID group.
3. Cannot intermix RDIMM and UDIMM memory, however, both RDIMM and UDIMM supported on all models.
4. TD200x models include ThinkServer IBM Virtual Media Key

## Notes

# LENOVO SERVICES

## Think Service. Think Lenovo.

Lenovo offers a complete menu of services - worry-free options for warranty upgrades, PC protection, advanced technical support and more. Innovative services that small businesses need:

- **ThinkPlus™ Services** upgrade the base warranty service comfort level up to 5 years onsite service with next business day response target for ThinkPad Classic line, ThinkCentre desktops, ThinkStation and ThinkServers. For ThinkPad Edge line products is a special set of stackable service offerings designed to offer a flexible and individual warranty plans for small and medium business.
- **Lenovo Care<sup>SM</sup> Services** enhance the initial warranty up to 3 years for consumer products such as IdeaPads, IdeaCentres, and essential Lenovo notebooks and desktops as well. The period of cover includes the original product warranty period.
- **ThinkPad Protection (TPP)** brings an accidental damage protection option for mobile Think branded PCs by providing unlimited repairs and replacements of damaged parts not covered under warranty to protect small businesses from unexpected IT expenses.
- **Lenovo Care Protection** services provide coverage on repairs and replacement of damaged parts not covered under warranty - for both of Idea notebooks and desktops. A peace of mind for the end-user.
- **Hard Disk Drive Retention (HDD)** option allows customer to keep their hard drive if it fails and hold on to their data. Available for all Think-branded products.
- **ThinkPlus Priority Support** - a consolidated service package of fast, dependable and advanced IT support designed with the growing businesses in mind. Available for all Think systems.
- **ThinkPlus Productivity for ThinkServer** - one simple package to keep the servers up and running thanks advanced level tech support which includes installation, online training as well as ThinkPlus Priority Support for better value and customers' peace of mind.

*Find detailed information about each service on the following pages.*



# LENOVO SERVICES

## A Heritage of Excellence Backing the Exceptionally Engineered PCs

ThinkPlus™ and Lenovo CareSM family of services have been designed to upgrade and enhance standard base warranty for Lenovo systems and provide additional support in a convenient, affordable way for businesses of all sizes. Lenovo's service packages offer the access to a wide range of information technology support services available from one of the world's leading technology services organization.

### Lenovo Is Committed to World-Class Service

- **High Service Quality** - Lenovo Services provide high quality after-sales technical support enabling customers to maximize hardware availability and productivity.
- **Flexible Service Offerings** - Lenovo has a wide range of support services designed to meet our customer's individual priorities, requirements and budgets.
- **Service Infrastructure & Support** - our robust service infrastructure of Lenovo's Authorized Warranty Service Providers including business partners and self maintainers ensures that parts for Lenovo's products are available when required and our highly skilled technicians enable us to deliver a rapid response to our customer's needs.

The range of service level options from Lenovo is based on specific product types and by services brand:

	Mobiles:			Desktops:			Servers:	
	ThinkPad	IdeaPad	Essential PCs	ThinkCentre	IdeaCentre	Essential	ThinkStation	ThinkServer
Lenovo Care Warranty Upgrades & Extensions (Consumer Services)		✓	✓		✓	✓		
Lenovo Care Notebook Protection		✓	✓					
Lenovo Care Desktop Protection					✓	✓		
ThinkPlus Warranty Upgrades & Extensions	✓			✓			✓	✓
ThinkPlus ThinkPad Protection (TPP)	✓							
Lenovo Hard Drive Disk Retention (HDDR)	✓			✓			✓	✓
ThinkPlus Priority Support* for PCs	✓			✓			✓	
ThinkPlus Priority Support* for Server								✓
ThinkPlus Productivity								✓
Hardware Installation								✓
Online Training								✓

### Lenovo Award-Winning Service and Support

Lenovo's tech support has been recognized around the globe as consistently best in class from industry sources like TBR, Laptop Magazine, PC Magazine and IDC Dataquest.

# LENOVO SERVICES - THINK FAMILY

## ThinkPlus™ Services Warranty Plans for Think PCs

Each ThinkPlus warranty upgrade and extension is identified by a part number and is linked to specific machine type and model. You can choose an electronically service pack or its hardcopy alternative - physical pack. Please select from the attached matrix guides or ask your Lenovo Representative for the service package that is appropriate for the purchased machine.

## ThinkPlus Warranty Services Part Numbers - CLASSIC

UPGRADE FOR:

UPGRADE TO:

Machine Type	Base warranty	ThinkPlus Warranty Upgrades & Maintenance Extensions											
		1 year		3 years			4 years			5 years			
		OS NBD	Courier Collect	CCR	Courier Collect	OS NBD	CCR	Courier Collect	OS NBD	CCR	Courier Collect	OS NBD	

### Notebooks

ThinkPad (except Edge and X100e series)	1yr CCR	46D5035 73Y2615	73Y2754 73Y2612	41C9434 73Y2610	41C9435 73Y2613	41C9431 73Y2616	41E9873 73Y2611	41E9875 73Y2614	41E9874 73Y2617			
	3yr CCR				41C9436 73Y2647	41C9432 73Y2650	41E9876 73Y2645	41E9878 73Y2648	41E9877 73Y2651	73Y2772 73Y2646	73Y2773 73Y2649	73Y2774 73Y2652
	3yr OS NBD								41E9879 73Y2680			73Y2794 73Y2681
	4yr CCR							73Y2801 73Y2692	73Y2803 73Y2694	73Y2800 73Y2691	73Y2802 73Y2693	73Y2804 73Y2695
	4yr OS NBD											73Y2823 73Y2714

LEGEND:

e-Pack P/N  
Physical Pack

### Desktops

ThinkCentre	1yr CCR	41E9785 73Y2565		41C9430 73Y2563		41C9426 73Y2566	41E9864 73Y2564		41E9865 73Y2567			
	1yr OS 2BD					41D0011 73Y2574			41E9870 73Y2575			
	3yr CCR					41C9425 73Y2581	41E9866 73Y2579		41E9867 73Y2582	73Y2732 73Y2580		73Y2733 73Y2583
	3yr OS 2BD					41C9429 73Y2590			41E9871 73Y2591			73Y2739 73Y2592
	3yr OS NBD								41E9872 73Y2597			73Y2743 73Y2598
	4yr OS 2BD								73Y2746 73Y2602			73Y2747 73Y2603
	4yr OS NBD											73Y2751 73Y2607

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France\*, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK\*\*.

\* UK - mainland only

\*\* France excludes DOM/TOM and all other overseas Territories and Dependencies.

# LENOVO SERVICES - THINK FAMILY

## ThinkPlus Warranty Services Part Numbers - EDGE

UPGRADE FOR:

UPGRADE TO:

Brand Type	Base warranty	ThinkPlus Warranty Upgrades & Extensions										
		1 year			2 years				3 years			
		Onsite Service	Mail-in + TPP	Onsite + TPP	Mail-in	Mail-in + TPP	Onsite Service	Onsite + TPP	Mail-in	Onsite Service	Mail-in + TPP	Onsite + TPP
ThinkPad Edge and X100e	1yr Mail-in	78Y1517	78Y1516	78Y1518	78Y1519	78Y1523	78Y1521	78Y1525	78Y1520	78Y1522	78Y1524	78Y1526
		78Y9360	78Y9365	78Y9366	78Y9361	78Y9367	78Y9363	78Y9369	78Y9362	78Y9364	78Y9368	78Y9370

LEGEND:

e-Pack
Physical

## ThinkPlus™ Warranty Service Plans for ThinkStations

UPGRADE FOR:

UPGRADE TO:

		ThinkPlus Warranty Service Upgrades							
		1 year	3 years			4 years		5 years	
		OS NBD + HDD	OS NBD	OS NBD + HDD	OS NBD + HDD	OS NBD	OS NBD + HDD	OS NBD	OS NBD + HDD
Machine Type	Base warranty								
ThinkStation (Single) S10, S20, E20	1yr OS NBD	60Y2690 73Y2551	60Y2691 73Y2550	60Y2692 73Y2552					
	3yr OS NBD				60Y2693 73Y2555	46D4454 73Y2553	60Y2694 73Y2556	46D4455 73Y2554	60Y2695 73Y2557
ThinkStation (Dual) D Series	3yr OS NBD				60Y2696 73Y2560	46D4456 73Y2558	60Y2697 73Y2561	46D4457 73Y2559	60Y2698 73Y2562

LEGEND:

e-Pack P/N
Physical Pack

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France\*, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and UK\*\*.

\* France excludes DOM/TOM and all other overseas Territories and Dependencies

2BD: Second Business Day response target  
CCR: Customer Carry-in Repair  
HDD: Hard Disk Drive Retention  
NBD: Next Business Day response target  
OS: Onsite Service  
TPP: ThinkPad Protection

# LENOVO SERVICES - THINK FAMILY

## Hard Drive Disk / Solid System Disk Retention

Hard Drive Disk / Solid System Disk (HDD) Retention widens the service offering portfolio for the Lenovo systems - ThinkPad notebooks, ThinkCentre desktops, ThinkStation workstations and ThinkServer systems as well.

This solution based ThinkPlus™ service option complements the warranty upgrades and allows users keep their hard drive or system disk to secure their data in case of any fail. If the customer's hard drive fails, they can retain the failed drive and Lenovo will provide a replacement hard drive (under the terms of the Lenovo warranty for selected Lenovo machines).

The non-return hard drive service is advisable everywhere where protecting critical data is important to your business.

### ThinkPlus HDD Services Part Numbers - CLASSIC

UPGRADE FOR:		UPGRADE TO:											
Machine Type	Base warranty	ThinkPlus Warranty Upgrades with HDD / SSD Retention											
		1 year				3 years				4 years			
		CCR + HDD	Courier Collect + HDD	OS 2BD + HDD	OS NBD + HDD	CCR + HDD	Courier Collect + HDD	OS 2BD + HDD	OS NBD + HDD	CCR + HDD	Courier Collect + HDD	OS 2BD + HDD	OS NBD + HDD

#### Notebooks

ThinkPad (except Edge and X100e series)	1yr CCR	73Y2755 73Y2618	73Y2758 73Y2621		73Y2761 73Y2624	73Y2756 73Y2619	73Y2759 73Y2622		46D5026 73Y2625	73Y2757 73Y2620	73Y2760 73Y2623		73Y2762 73Y2626		
	3yr CCR					73Y2775 73Y2653	73Y2778 73Y2656		46D5027 73Y2659	73Y2776 73Y2654			73Y2781 73Y2660	73Y2777 73Y2655	73Y2780 73Y2658
	3yr OS NBD								46D5028 73Y2682				73Y2795 73Y2683		
	4yr CCR									73Y2805 73Y2696	73Y2807 73Y2698		73Y2809 73Y2700	73Y2806 73Y2697	73Y2808 73Y2699
	4yr OS NBD									73Y2824 73Y2715				73Y2825 73Y2716	

#### Desktops

ThinkCentre (incl. AIO)	1yr CCR	73Y2725 73Y2568			73Y2728 73Y2571	73Y2726 73Y2569			46D5020 73Y2572	73Y2727 73Y2570			73Y2729 73Y2573		
	1yr OS 2BD			73Y2730 73Y2576					46D5018 73Y2577				73Y2731 73Y2578		
	3yr CCR					73Y2734 73Y2584			46D5019 73Y2584	73Y2735 73Y2585			73Y2737 73Y2588	73Y2736 73Y2586	
	3yr OS 2BD							73Y2740 73Y2593	46D5021 73Y2594				73Y2741 73Y2595		
	3yr OS NBD								46D5022 73Y2599				73Y2744 73Y2600		
	4yr OS 2BD											73Y2748 73Y2604	73Y2749 73Y2605		
	4yr OS NBD												73Y2752 73Y2608		

#### LEGEND:

e-Pack P/N
Physical Pack

#### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France\*, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK\*\*.

\* UK - mainland only

\*\* France excludes DOM/TOM and all other overseas Territories and Dependencies.

Find more HDD Retention offerings for ThinkStation and ThinkServers on next pages. Available are also HDD Retention service options with included accidental damage protection for notebooks. For part numbers please see the matrix with Protection Services or ask your Lenovo Representative.

# LENOVO SERVICES - THINK FAMILY

## ThinkPlus ThinkPad Protection

A predictable way to keep productivity high and PC repair budgets low - ThinkPad Protection (TPP) complements warranty services with accidental damage protection option for ThinkPad notebooks.



### What's covered?

ThinkPad Protection cover repairs and replacements damaged by following accidents:

- Operational or structural failures under normal operating conditions or handling
- Minor liquid spills
- Unintentional drops and bumps
- Damage from electrical surges
- LCD screen failure

### What's not covered?

- Cosmetic damage and damage from intentional misuse
- Damage due to unsuitable operating environment or improper maintenance
- Theft or loss
- External peripherals, consumable parts (i.e. batteries), removal or alteration of parts, mice, accessories, keyboards, printers, scanners)
- Third-party products (even if sold by Lenovo)

UPGRADE FOR:		UPGRADE TO:											
		ThinkPlus Warranty Upgrades with ThinkPad Protection											
Machine Type	Base warranty	1 year				3 years				4 years			
		CCR + TPP	Courier Collect + TPP	OS NBD + TPP		CCR + TPP	Courier Collect + TPP	OS NBD + TPP		CCR + TPP	Courier Collect + TPP	OS NBD + TPP	
ThinkPad (except Edge and X100e series)	1yr CCR	41K0406 73Y2627	73Y2763 73Y2630	46D5037 73Y2633		41K0407 73Y2628	41K0408 73Y2631	41K0409 73Y2634	41K0410 73Y2629	41K0411 73Y2632	41K0412 73Y2635		
	3yr CCR					41K0420 73Y2632	41K0421 73Y2665	41K0422 73Y2668	41K0423 73Y2666	41K0424 73Y2669	41K0425 73Y2667	73Y2783 73Y2664	73Y2784 73Y2667
	3yr OS NBD							41K0473 73Y2685			41K0426 73Y2686		73Y2797 73Y2687
	4yr CCR								73Y2811 73Y2702	73Y2813 73Y2704	73Y2815 73Y2706	73Y2812 73Y2703	73Y2814 73Y2705
	4yr OS NBD										73Y2826 73Y2717		73Y2827 73Y2718

UPGRADE FOR:		UPGRADE TO:											
		ThinkPlus Warranty Upgrades with ThinkPad Protection + HDD Retention											
Machine Type	Base warranty	1 year				3 years				4 years			
		CCR + TPP + HDD	Courier Collect + TPP + HDD	OS NBD + TPP + HDD		CCR + TPP + HDD	Courier Collect + TPP + HDD	OS NBD + TPP + HDD		CCR + TPP + HDD	Courier Collect + TPP + HDD	OS NBD + TPP + HDD	
ThinkPad (except Edge and X100e series)	1yr CCR	73Y2764 73Y2636	73Y2767 73Y2639	73Y2770 73Y2642	73Y2765 73Y2637	73Y2768 73Y2640	46D5032 73Y2643	73Y2766 73Y2638	73Y2769 73Y2641	73Y2771 73Y2644			
	3yr CCR				73Y2786 73Y2671	73Y2789 73Y2674	46D5033 73Y2677	73Y2787 73Y2672	73Y2790 73Y2675	73Y2792 73Y2678	73Y2788 73Y2673	73Y2791 73Y2676	73Y2793 73Y2679
	3yr OS NBD						46D5034 73Y2688			73Y2798 73Y2689			73Y2799 73Y2690
	4yr CCR							73Y2817 73Y2708	73Y2819 73Y2710	73Y2821 73Y2712	73Y2818 73Y2709	73Y2820 73Y2711	73Y2822 73Y2713
	4yr OS NBD									73Y2828 73Y2719			73Y2829 73Y2720

### LEGEND:

e-Pack P/N
Physical Pack

### SERVICE AVAILABILITY

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France\*, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and UK\*\*

\* France excludes DOM/TOM and all other overseas Territories

# LENOVO SERVICES - THINK FAMILY

## ThinkPlus™ Priority Support for PC's

ThinkPlus Priority Support expands Lenovo's award-winning service capabilities by giving larger customers even faster access to our advanced tech support, saving time and improving overall productivity. ThinkPlus Priority Support gets a fast tech-to-tech support along with IT management tools to help reduce internal helpdesk costs and better manage your overall IT environment.

The new top solution is designed for customers whose business operations require priority attention to their IT support needs. Your customer's employees and operations may be found anywhere in the world. So might their IT problems. With ThinkPlus Priority Support, they'll have access to help almost anywhere they are.

The consolidated support packages consist of:

- 24 x 7 telephone tech-to-tech support
- 9x5 next business day onsite warranty service
- Priority call routing
- Advanced Level Technicians
- Electronic Call Tracking System
- Escalation management with customer-defined severity
- Third party software support

UPGRADE FOR:		UPGRADE TO:		
Machine Type	Base warranty	ThinkPlus Priority Support		
		3-year	4-year	5-year
		OS NBD + Priority Support	OS NBD + Priority Support	OS NBD + Priority Support

### Notebooks

ThinkPad (CLASSIC)	1yr CCR (except W series)	60Y1788		
	3yr CCR (except W series)	60Y1789	60Y1790	60Y1791
	3yr OS NBD (except W series)	60Y1792	60Y1793	60Y1794
	1yr CCR - W series only	60Y1801		
	3yr CCR - W series only	60Y1802	60Y1803	60Y1804
	3yr OS NBD - W series only	60Y1805	60Y1806	60Y1807

### Desktops

ThinkCentre incl. AIO	1yr CCR	60Y1781		
	1yr OS 2BD / NBD	40Y9999		
	3yr CCR	60Y1782	60Y1783	60Y1784
	3yr OS 2BD / NBD	60Y1775	60Y1776	60Y1777

### Workstations

ThinkStation	3yr OS NBD	40Y9993	40Y9994	40Y9995
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#### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France\*, Germany, Ireland, Luxembourg, Italy, Norway, Netherlands, Spain, Sweden, Switzerland and UK\*\*.

\* Excludes DOM/TOM and all other overseas Territories and Dependencies.

# LENOVO SERVICES - THINKSERVER

## ThinkPlus™ Services for Lenovo ThinkServer™

### BECAUSE EXCEPTIONAL MACHINES DESERVE EXCEPTIONAL SERVICE

The brand new services for ThinkServers were designed with small business needs in mind. The decision to buy a server should be made carefully and thoughtfully, taking into account not only how the server will support your business, but also how the server will be supported. Lenovo makes that decision easy. Lenovo ThinkServers are engineered for exceptional quality to support your growing business needs. But what's more, they are supported by award-winning Lenovo Service, delivered hand in hand with trusted business partner.

Lenovo will get the new server up and running quickly, train your employees and provide priority response for all of customers service needs. We're committed to ensuring the ultimate server ownership experience.

**ThinkPlus Priority Support for ThinkServer™** presents a consolidated support package that enable to upgrade the base warranty to 3 or 5 years with:

- 24x7 hardware & software phone support
- Onsite service with next business day response
- Priority call routing
- Advanced level technicians
- Software installation & usage support (phone based)

**ThinkPlus Productivity** is one simple package of support that includes installation, online training, as well as ThinkPlus Priority Support service. The package was designed to give business partners the ability to provide server installation and take advantage of Lenovo's Priority Support infrastructure to serve their customers. Online training is developed and delivered by Lenovo Training Solutions. It includes the basics on implementing, deploying and managing Lenovo ThinkServers.

ThinkPlus Priority Support	Consolidated, Preferred Support	Focus on your business, not your HW. Expert IT support for your business quickly, when you need it.
24x7 Telephone Tech Support	Single Point of Contact	Simplify support with a single source for HW and SW expertise - available when you need it the most.
Next Business Day Onsite Service	Convenient	The partner you trust, at your place of business, with the parts and expertise to fix the problem right the first time.
Priority Routing	Fast	Readily available access gets you to the front of the call queue.
Advanced Level Technicians	Effective	Fast problem resolution from technicians with the expertise you expect and deserve, to diagnose and solve problems quickly.
SW Installation and Basic Usage Support	Easy	Support for software installation and basic usage problems for in-the-box applications, including ThinkServer™ EasyManage, EasySetup and EasyUpdate.

### ThinkPlus Priority Support for ThinkServer - 90 DAYS TRIAL included

Because we believe so strongly that ThinkServer™ customers can benefit from ThinkPlus Priority Support we're including a 90-day trial with all new servers to let customers experience first hand the peace of mind and confidence that this level of support provides during the most critical time of server ownership.

# LENOVO SERVICES - THINKSERVER

Machine	Base Warranty	ThinkPlus Upgrades	e-Pack part number	PHP part number
ThinkServer TS series	1 Year OS NBD	3 Year Onsite Service, 9x5 Next Business Day	40Y9080	73Y2860
		3 Year ThinkPlus Priority Support	40Y9082	
		3 Year ThinkPlus Priority Support + HDD	40Y9681	
		3 Year ThinkPlus Productivity	40Y9109	
		5 Year Year Onsite Service, 9x5 Next Business Day	80Y5734	80Y5736
		5 Year ThinkPlus Priority Support + HDD	80Y5740	
	3 Years OS NBD	5 Year ThinkPlus Priority Support	80Y5738	
		3 Year ThinkPlus Priority Support	40Y9085	
		5 Year ThinkPlus Priority Support	40Y9669	
		3 Year ThinkPlus Priority Support + HDD	40Y9683	
		5 Year ThinkPlus Priority Support + HDD	40Y9685	
		3 Year ThinkPlus Productivity	40Y9111	
	5 Year Year Onsite Service, 9x5 Next Business Day	80Y5742	80Y5744	
ThinkServer TD series	1 Year OS NBD	3 Year Onsite Service, 9x5 Next Business Day	40Y9087	73Y2863
		3 Year ThinkPlus Priority Support	40Y9089	
		3 Year ThinkPlus Priority Support + HDD	40Y9687	
		3 Year ThinkPlus Productivity	40Y9113	
		5 Year Year Onsite Service, 9x5 Next Business Day	80Y5746	80Y5748
		5 Year ThinkPlus Priority Support + HDD	80Y5752	
	3 Years OS NBD	5 Year ThinkPlus Priority Support	80Y5750	
		3 Year ThinkPlus Priority Support	40Y9092	
		5 Year ThinkPlus Priority Support	40Y9671	
		3 Year ThinkPlus Priority Support + HDD	40Y9689	
		5 Year ThinkPlus Priority Support + HDD	40Y9691	
		3 Year ThinkPlus Productivity	40Y9115	
	5 Year Year Onsite Service, 9x5 Next Business Day	80Y5754	80Y5756	
ThinkServer RS series	1 Year OS NBD	3 Year Onsite Service, 9x5 Next Business Day	40Y9094	73Y2866
		3 Year ThinkPlus Priority Support	40Y9096	
		3 Year ThinkPlus Priority Support + HDD	40Y9693	
		3 Year ThinkPlus Productivity	40Y9720	
		5 Year Year Onsite Service, 9x5 Next Business Day	80Y5758	80Y5760
		5 Year ThinkPlus Priority Support + HDD	80Y5764	
	3 Years OS NBD	5 Year ThinkPlus Priority Support	80Y5762	
		3 Year ThinkPlus Priority Support	40Y9099	
		5 Year ThinkPlus Priority Support	40Y9673	
		3 Year ThinkPlus Priority Support + HDD	40Y9695	
		5 Year ThinkPlus Priority Support + HDD	40Y9697	
		3 Year ThinkPlus Productivity	40Y9722	
	5 Year Year Onsite Service, 9x5 Next Business Day	80Y5766	73Y2869	
ThinkServer RD series	1 Year OS NBD	3 Year Onsite Service, 9x5 Next Business Day	40Y9675	73Y2869
		3 Year ThinkPlus Priority Support	40Y9677	
		3 Year ThinkPlus Priority Support + HDD	40Y9699	
		3 Year ThinkPlus Productivity	40Y9705	
		5 Year Year Onsite Service, 9x5 Next Business Day	80Y5770	80Y5772
		5 Year ThinkPlus Priority Support + HDD	80Y5776	
	3 Years OS NBD	5 Year ThinkPlus Priority Support	80Y5774	
		3 Year ThinkPlus Priority Support	40Y9102	
		5 Year ThinkPlus Priority Support	40Y9679	
		3 Year ThinkPlus Priority Support + HDD	40Y9701	
		5 Year ThinkPlus Priority Support + HDD	40Y9703	
		3 Year ThinkPlus Productivity	40Y9724	
	5 Year Year Onsite Service, 9x5 Next Business Day	80Y5778	80Y5780	
Additional Services			e-Pack part number	
A-la-carte offerings (Server model independent)		Installation, ThinkServer HW Only	40Y9107	
		Online Training, Understanding Lenovo Servers	40Y9105	
		Online Training, Understanding Systems Management	40Y9717	

**SERVICE AVAILABILITY:**

Partnumbers are enabled in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and UK.



# LENOVO CARE SERVICES

## Lenovo Care for IdeaPad

The IdeaPad netbooks are complemented by an array of security and protection services that ensure users can enjoy a worry-free netbook experience. Additional services have been selected to complement the way our different segments will use their IdeaPad. These offerings focus on protecting our user's netbook and keeping their content safe.

## Lenovo Care Notebook Protection

Mobility, small form factor and high usage demand protection against unexpected IT expenses. Coverage is provided for repairs resulting from drops, spills, electrical surges and more.

Specific warranty extensions and upgrades are available and are shown on the table.

UPGRADE FOR:

UPGRADE TO:

Series	Machine Type	Base warranty	Lenovo Care upgrades for IdeaPad				
			1 year	2 years		3 years	
			Collect & Return + Protection	Collect & Return	Collect & Return + Protection	Collect & Return	Collect & Return + Protection
S10e	4068	1 year Collect & Return	40Y9740	40Y9736	40Y9737	40Y9738	40Y9739
			73Y2899	73Y2895	73Y2896	73Y2897	73Y2898
S10e	4187	2 years Collect & Return			40Y9741	40Y9742	40Y9735
					73Y2900	73Y2901	73Y2894
S10 3G	4329	1 year Collect & Return	40Y9740	40Y9736	40Y9737	40Y9738	40Y9739
			73Y2899	73Y2895	73Y2896	73Y2897	73Y2898
S10 3G	4333	2 years Collect & Return			40Y9741	40Y9742	40Y9735
					73Y2900	73Y2901	73Y2894

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland and UK.

Lenovo Care Protection is supported in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland and UK only!

UPGRADE FOR:

UPGRADE TO:

Series	Machine Type	Base warranty	Lenovo Care upgrades for IdeaPad				
			1 year	2 years		3 years	
			Collect & Return + Protection	Collect & Return	Collect & Return + Protection	Collect & Return	Collect & Return + Protection
S10, S10-2, S12, S10-3, S10-3T	4231, 2957, 2959, 0647, 0651	1 year Collect & Return	73Y2393	73Y2394	73Y2395	73Y2396	73Y2397
			73Y2912	73Y2913	73Y2914	73Y2915	73Y2916
Series	Machine Type	Base warranty	Lenovo Care upgrades for IdeaPad				
			1 year	2 years		3 years	
			Mail-in + Protection	Mail-in	Mail-in + Protection	Mail-in	Mail-in + Protection
U160, U165, U330, U350, U450, U450p, U550, V560, Y530, Y550, Y650, Z560, Z565	0915, 2267, 2963, 2693, 3389, 4342, 3749, 4051, 4186, 4185, 4311	1 year Mail-in	60Y2761	60Y2762	60Y2763	60Y2764	60Y2765
			73Y2902	73Y2903	73Y2904	73Y2905	73Y2906

### LEGEND:

e-Pack P/N
Physical Pack

# LENOVO CARE SERVICES

## Lenovo Care for IdeaCentre desktops

The warranty plans for Idea desktops extend terms and upgrade service levels of Lenovo initial base warranty. At any time during the initial warranty period, customers can choose to extend base warranty and get the fast and convenient warranty support up to 3 years.

## Lenovo Care Desktop Protection

The accidental damage protection option for desktops helps protect against unexpected repair expenses or new system purchases by providing coverage due to drops or fall, minor liquid spills or electrical surges and in case of all-in-one desktops also including cracked LCDs.

UPGRADE FOR:

UPGRADE TO:

Series	Machine Type	Base warranty	Lenovo Care upgrades for IdeaCentre				
			1 year	2 years		3 years	
			Collect & Return + Protection	Collect & Return	Collect & Return + Protection	Collect & Return	Collect & Return + Protection
A300, A600, B500, D400, K320	4018, 3011, 0887, 3013, 3019	1 year Collect & Return	78Y1747	78Y1748	78Y1749	78Y1750	78Y1751
			78Y1755	78Y1756	78Y1757	78Y1758	78Y1759

LEGEND:

e-Pack P/N
Physical Pack

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland and UK.

# LENOVO CARE SERVICES

## Lenovo Care for essential Lenovo PCs

The Lenovo value line series products have a limited warranty that covers core electronic components and limits coverage of all other hardware components. The applicable Lenovo Care Services extend this same limited warranty coverage - all at a price that is easy on the wallet.

Specific warranty extensions and upgrades are available and are shown on the table.

UPGRADE FOR:

UPGRADE TO:

Lenovo Essential Notebook Series	Machine Type	Base warranty	Lenovo Care upgrades for notebooks				
			1 year	2 years		3 years	
			Mail-in + Protection	Mail-in	Mail-in + Protection	Mail-in	Mail-in + Protection
G530	4446	1 year Mail-in	55Y2524	55Y2522	55Y2525	55Y2523	55Y2526
			73Y2886	73Y2884	73Y2887	73Y2885	73Y2888
B550, G530a, G550, G555, G560	0880, 4151, 2958, 0873, 0679	1 year Mail-in	73Y2388	73Y2389	73Y2390	73Y2391	73Y2392
			73Y2907	73Y2908	73Y2909	73Y2910	73Y2911

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Israel, Italy, Luxembourg (excl. G530 warranty upgrades), Netherlands, Norway, Spain, Sweden, Switzerland and UK.

Lenovo Care Protection is supported in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland and UK only!

UPGRADE FOR:

UPGRADE TO:

Lenovo Essential Desktop Series	Machine Type	Base warranty	Lenovo Care upgrades for desktops				
			1 year	2 years		3 years	
			Collect & Return + Protection	Collect & Return	Collect & Return + Protection	Collect & Return	Collect & Return + Protection
C100, C200, C300, C350	7869, 4025, 3018, 3012, 0892	1 year Collect & Return	78Y1763	78Y9265	78Y9266	78Y9267	78Y9268
			78Y9272	78Y9273	78Y9274	78Y9275	78Y9276

### SERVICE AVAILABILITY:

Part numbers are enabled in Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland and UK.

### LEGEND:

e-Pack P/N
Physical Pack

# LENOVO CARE SERVICES

## Electronic ThinkPlus™ / Lenovo Care<sup>SM</sup>

With service packages from Lenovo you purchase quality 'off-the-shelf' services solution with fixed term & price which can be ordered at the same time as ordering machine. Then simply activate it on-line via the web using given unique registration number. To register on-line via the web go to [www.thinkpad.com/services/thinkplus](http://www.thinkpad.com/services/thinkplus). Electronically ThinkPlus / Lenovo Care are always available when ordering and never out of stock.

## Physical ThinkPlus™ / Lenovo Care<sup>SM</sup>

To provide an alternative to the well known e-pack service products, Lenovo Services developed also a family of ThinkPlus and Lenovo Care Physicals Service Packages like a limited printed hardcopy versions of the e-packs.

## Service Delivery Definitions

All Lenovo hardware products are delivered with base warranty which is an integral part of the system specifications. Lenovo provides customers with a manufacturer's warranty against faulty workmanship or defective parts, providing that the product receives normal use. The length and service comfort level are given by machine type and cannot be downgraded. The warranty period starts with the date when the product is sold to the end customer (proof of purchase date) and covers all parts and labour for a given warranty period, mostly one or three years. The length of the warranty period extension or upgrade may be up to maximum 5 years.

Warranties may be transferred to another customer if the product is sold during the warranty period. By accessing the service Customer may be required to provide proof of purchase to make a claim.

The customer is requested to work with Lenovo repair service representative during the problem determination and to perform those activities that Lenovo may request. The problem determination aim is to identify whether the problem resides with the customer's Lenovo machine or whether the reason might be caused by other machines or software. Some problems can be resolved with a replacement part that you install yourself (such as keyboard, mouse, speaker, memory, hard disk drive, or port replicator), called a "Customer Replaceable Unit" or "CRU." If so, your Service Provider will ship the CRU to you for you to install.

Under **Customer Carry-in** or **Mail-in** repair, the product will be repaired or exchanged at a designated service center, with delivery or shipping arranged by customer. Customer is responsible to deliver or mail, as their Service Provider specifies, (prepaid by you unless specified otherwise) the product, suitably packaged to a designated location. After the product has been repaired or exchanged, it will be made available for Customers' collection. For Mail-in Service, the product will be returned to Customer at Lenovo's expense, unless their Service Provider specifies otherwise.

**Courier Collect or Collect & Return** - should the product require repair, Lenovo will offer a pick-up and return service. Customer just calls our dedicated helpdesk who will quickly diagnose the problem and make the necessary arrangements to initiate the return service. The customer has to prepare the failing machine for collection arranged by Lenovo. (Collect & return service may involve packaging the product and taking to a local collection point.) A courier will pick up the customer's machine and deliver it to the Lenovo Repair Centre. Following repair or exchange, Lenovo will arrange the delivery of the repaired ThinkPad to the same customer's location where it was originally collected. The customer is responsible for installation and verification.

## LENOVO CARE SERVICES

By **Onsite Service** level a service technician will repair the product at the customer's site and the customer is requested to cooperate to determine the problem remotely first.

The Next Business Day response time is an average target and not a committed service level, neither for response time nor for problem resolution time. Lenovo provides service during normal business hours (e.g. Monday to Friday 08:00 to 17:00), excluding public and national holidays.

### Terms & Conditions

ThinkPlus and Lenovo Care Maintenance Services Agreement and Lenovo Accidental Damages Protection Services Agreement are to be found in local languages on:

[\*www.lenovo.com/Commercial/ServiceUpgrade/TermsAndConditions\*](http://www.lenovo.com/Commercial/ServiceUpgrade/TermsAndConditions)

[\*www.lenovo.com/Consumer/ServiceUpgrade/TermsAndConditions\*](http://www.lenovo.com/Consumer/ServiceUpgrade/TermsAndConditions)

Limited Statement of Warranty & Warranty Lookup function is on:

[\*www.lenovo.com/warranty\*](http://www.lenovo.com/warranty)

### Services Support Centre

Needed help and assistance on Lenovo Services portfolio? A new point of contact is available for you now - Services Support Center (SSC). Direct any Your Pre-Sales Services question to the dedicated team of our Lenovo Services Agents available via Live Web Chat on Monday - Friday in working hours.

Look for the Chat link on the Lenovo Partner Network central [\*www.lenovo.com/partner/europe\*](http://www.lenovo.com/partner/europe)

<sup>1</sup> If warranty has been transferred, a copy of the original purchase document which includes the machine serial number must be provided, not a copy of the transfer document.

## Country Response Centres

For any queries or questions please contact your country response centre.

Austria	0810 810 180	Belgium (FR)	078/15 54 88
Belgium (NL)	078 15 54 45	Bulgaria	(359) 2 973 3200
Croatia	062 484465	Czech Republic	800 840 840
Denmark	36 14 06 00	Finland	0800 12 84465
France	0810 111 810	Germany	0810 1844 651
Greece	(30) 210 6856 322	Hungary	06 80 984465
Israel	(971) 4 390 7070	Italy	(039) 02-70316105
Middle East	(971) 4 390 7070	Netherlands	(020) 513 4400
Luxembourg	00352 26 10 26 82	Poland	8011 26699
Norway	815 20280	Russia	(7) 95 258 6442
Romania	0800 1084465 or	Slovenia	(3861) 4796 705
Romania	(4021) 4058400	Slovakia	0850 536686
Spain	+34 (0) 902 181 449	Sweden	020 581 300
South Africa	0860 536686	Switzerland	0848 0 84465
Turkey	(90) 212 317 1500	United Kingdom	0800 169 1451

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To learn more visit: [www.lenovo.com/europe](http://www.lenovo.com/europe)

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Lenovo® recommends Windows® 7 Professional.

## WORRY-FREE COMPUTING? BE COVERED FOR ACCIDENTAL DAMAGE



### THE ULTIMATE PROTECTION FOR THE ULTIMATE BUSINESS TOOL.

ThinkPad protection keeps users productive, avoiding costly downtime resulting from unintentional damage to the notebook. It means you can offer your customers the peace of mind of knowing that their notebook is protected.

### WHY THINKPAD PROTECTION?

- > **ThinkPad protection lowers the notebook's total cost of ownership by extending its life and protecting the investment.**
- > **Quick repair and replacement of parts ensure efficient problem resolution and increase user's productivity.**
- > **Service is provided by Lenovo, not a third party insurer, so instead of filing a claim, customers deal with a simple repair/replacement process.**
- > **Data is quickly and securely transferred to a new PC in the event replacement is required.\***

For more information go to: [www.lenovo.com/thinkpadprotection/europe](http://www.lenovo.com/thinkpadprotection/europe)

\*If technically possible, users must/shall remove or secure all proprietary, confidential or personal data before presenting the product to Lenovo for repair or replacement and back up valuable information and data in a format external to the product to enable users to reconstruct lost or altered data or programs if necessary.

[WWW.LENOVO.COM/EUROPE](http://WWW.LENOVO.COM/EUROPE)

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Lenovo® recommends Windows® 7 Professional.

## PREMIUM ENTERPRISE-LEVEL COMPUTING BUILT IN AN ALL-IN-ONE DESKTOP

The ThinkCentre M90z All-In-One (AIO) desktop is the perfect answer for today's large enterprises that demand strong computing, delivered with a more energy-efficient, space-saving and greener machine.



### LENOVO THINKCENTRE M90z ALL-IN-ONE PC

- Equipped with the all-new 2010 Intel® Core™ processors
- Full HD screen with dual display support
- Designed to provide more space-saving and clutter-free workspace
- World's first TCO Edge Certified AIO in the PC industry
- Green IT options including an auto-brightness function (optional) for company-wide energy efficiency
- VoIP options including excellent video-conferencing capabilities for simple and quick communication (optional)